

Indian Health Surveillance Report

Sexually Transmitted Diseases 2009



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention
Indian Health Service

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Additional Data and Ordering Information

Additional AI/AN health status information can be obtained from the IHS Division of Program Statistics (http://www.ihs.gov/NonMedicalPrograms/IHS_Stats/) or from the IHS Division of Epidemiology and Disease Prevention (<http://www.ihs.gov/MedicalPrograms/Epi/>).

Additional STD data can be obtained from the CDC Division of STD Prevention (<http://www.cdc.gov/std/stats>).

For free hard copies of this report, please send your name, job title, mailing address, phone number, and e-mail address to IHSStatsHelp@ihs.gov.

The online version of this report is available at <http://cdc.gov/std/stats>.

Indian Health Surveillance Report

Sexually Transmitted Diseases 2009



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

Indian Health Service

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Preface

Indian Health Surveillance Report – Sexually Transmitted Diseases 2009 presents statistics and trends for sexually transmitted diseases (STDs) among American Indians and Alaska Natives (AI/AN) in the United States (U.S.). The initial Indian Health Service Surveillance Report – Sexually Transmitted Diseases, containing data through 2004, was published in November 2006.

This report represents a unique collaboration and partnership between the Centers for Disease Control and Prevention (CDC) and the Indian Health Service (IHS). Most of the AI/AN-specific data provided in this report are the result of a novel surveillance methodology, whereby existing nationally notifiable STD data reported to CDC were analyzed using standard IHS populations and methods.

The Indian Health Surveillance Report–Sexually Transmitted Diseases 2009 consists of two main parts: the National STD Profile (1984-2009) contains text and figures that provide an overview of STD morbidity among AI/AN in the U.S.; the IHS Area STD Profiles (1998-2009) present STD rates and trends for the 12 IHS administrative areas.

The surveillance methodology used in this report has served as a model and framework for analyzing AI/AN specific data for other nationally notifiable diseases (e.g. hepatitis, tuberculosis) and for other priority health conditions (e.g. cancer, diabetes, mental health). Such reports are essential for increasing the accessibility and quality of AI/AN health data and play an important role in monitoring disease trends, identifying at-risk populations, and guiding interventions and resources.

Any comments and suggestions that might improve the usefulness of future publications are welcomed and can be sent to the IHS Division of Program Statistics at IHSStatsHelp@ihs.gov.

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Background

Rationale for this Report

American Indian and Alaska Native (AI/AN) health data published by the Indian Health Service (IHS) primarily focus on population estimates, natality/mortality, health care finance, and patient care utilization.^{1,2} AI/AN data specific to STDs and other nationally notifiable diseases are limited. Yet, these diseases represent a significant burden on the IHS health care system and on AI/AN people as a whole.

In 2009, among all races and ethnicities, AI/AN had the second highest rates of chlamydia and gonorrhea and the third highest rates of primary and secondary syphilis (P&S).³ Improved awareness of these health disparities, through the publication and dissemination of an AI/AN specific STD surveillance report, may lead to increased funding, resources, and research activities in AI/AN communities. In September 2004, collaboration between the Centers for Disease Control and Prevention (CDC) and IHS was initiated to develop such a report;⁴ a report using 2007 data was published in 2009.⁵ This current report is an update of these earlier reports and adds data through 2009.

IHS Organization

IHS, a federal agency within the U.S. Department of Health and Human Services (HHS), is responsible for providing health services to AI/AN people. The mission of IHS, in partnership with AI/AN people, is to raise their physical, mental, social, and spiritual health to the highest level.

IHS is comprised of 12 regional administrative units called Area Offices or IHS Areas. These IHS Areas include all or parts of 35 states. Within each IHS Area, health care facilities may be operated directly by IHS or may be operated by individual tribes (directly or through several forms of contracted services). Based on 2009 IHS service population estimates, the largest IHS Area is the Oklahoma City Area, which is home to 37 tribes and a population of 366,686; the smallest IHS Area is the Tucson Area, which is home to 2 tribes and a population of 36,525.⁶

CDC Organization

CDC is also an agency within HHS. The primary mission of CDC is to promote health and quality of life and to prevent and control disease, injury, and disability. CDC is comprised of 15 major organizational units, which are largely managed through 5 overarching offices: the Office of Infectious Diseases; the Office of Noncommunicable Diseases, Injury and Environmental Health; the Office of Public Health Preparedness and Response; the Office for State, Tribal, Local and Territorial Support; and the Office of Surveillance, Epidemiology, and Laboratory Services. The Division of STD Prevention is housed at the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, a center within the Office of Infectious Diseases.

Data Source and Limitations

Nationally notifiable disease data, including data for STDs, are submitted to CDC from state health departments (and other local reporting jurisdictions) and are stored at the Public Health Surveillance Program Office (PHSPO). In 2009, there were over 60 nationally notifiable infectious diseases and conditions.⁷ Surveillance data for notifiable STDs are electronically sent from PHSPO to the Division of STD Prevention (DSTDP), where they are combined with historical hard copy data (also sent from state and local jurisdictions) to create the national STD Surveillance System (STDSS).

Numerators: Incident STD Cases Reported to CDC

All of the STD data in this report are based on cases of nationally notifiable STDs reported to CDC from the STD control programs and health departments in the 50 states, the District of Columbia (DC), and selected U.S. cities. In aggregate, the STD cases reported from all of these jurisdictions are used when calculating U.S. rates. STD data from U.S. dependencies and territories (e.g., Guam, Puerto Rico, Virgin Islands) are not included in the U.S. rates or for all other rates used in this report.

AI/AN rates (as shown in the National STD Profile section) are based on STD cases which occurred among persons identified as AI/AN residing in all jurisdictions. In contrast, IHS rates (as shown in the IHS Area STD Profiles) are based on a subset of all AI/AN STD cases. The IHS rates include only STD cases which occurred among AI/AN residing in counties where IHS provides services or resources (see the IHS Denominators section on page 9 for further details); these STD cases may or may not have been diagnosed in IHS, tribal, or urban Indian healthcare facilities. These definitions of AI/AN rates and IHS rates are used consistently throughout this publication.

STD Data Sources and Reporting Formats

In the past, STD data were submitted by state STD prevention programs to CDC on a variety of hard copy summary reporting forms (monthly, quarterly and annually). As of December 31, 2003, all 50 states and DC had converted from summary hard copy reporting to electronic submission of line-listed (i.e., case-specific) STD data via the National Electronic Telecommunications

System for Surveillance (NETSS). Data reported through NETSS comprise the notifiable disease information that is published in the Morbidity and Mortality Weekly Report (MMWR).

The data presented in the **National STD Profile** are from STDSS and are based on a combination of aggregated final NETSS electronic data and summary hard copy reporting forms. Monthly hard copy reporting forms include summary data for syphilis by county and state. Quarterly hard copy reporting forms include summary data for gonorrhea, chlamydia, syphilis, and other STDs by sex and source of report (STD clinic or non-STD clinic) for the 50 states and outlying areas of the U.S. Annual hardcopy reporting forms include summary data for chlamydia, gonorrhea, and primary and secondary syphilis (P&S) by age, race, and sex for the 50 states, DC, and 6 large city project areas.

The IHS specific data presented in the **IHS Area STD Profiles** come only from NETSS and do not include data from hard copy reporting forms. IHS Area data presented in this report require STD datasets which contain both race and county variables in order to determine which cases are AI/AN and to assign cases to the appropriate IHS Area (based on the patient's county of residence). These variables are generally available only with NETSS line-listed data. Data contained in the IHS Area STD Profiles are restricted to years when STD cases submitted to NETSS were relatively complete for most states and reporting jurisdictions (i.e., 1998-present).

2009 case reports and corrections sent to CDC through June 9, 2010, have been included in this report. Data and corrections received after this date will appear in subsequent issues and updates.

Adjustments to CDC STD Data

In order to improve the quality of certain national and IHS Area analyses, several adjustments were made to the data prior to calculating rates. These procedures removed or redistributed cases and populations when one or more of the following conditions were present:

- If a state had >50% of its cases with unknown race/ethnicity, both the cases and populations were removed from the case and population

- databases prior to performing analyses involving race/ethnicity.
- If a state had $\leq 50\%$ of its cases with unknown race/ethnicity, the cases with unknown race/ethnicity were redistributed to known race/ethnicity categories, based on the percentage of cases in each known category. This adjustment was made after cases had been summed over the geographic unit of the analysis (e.g., national, state, county, IHS Area).
 - If a state did not report cases electronically to NETSS, by race and ethnicity, the populations of those states were removed from the population database in those years. This adjustment was made only for IHS and IHS Area analyses.

For U.S. cases and rates shown in this report, adjustments were made depending on the type of analysis in order to maintain consistency between data presented in this report and data presented in the CDC STD Surveillance Summaries.³ Unadjusted U.S. case counts and rates are presented for STD totals and for analyses by sex; adjusted U.S. cases counts and rates are presented for analyses of sex and age.

Population Denominators and Rate Calculations

Crude incidence rates (new cases/population) were calculated on an annual basis per 100,000 population. In this report, the 2009 rates for the U.S., IHS, and individual IHS Areas were calculated by dividing the number of cases reported from each area in 2009 by corresponding 2008 population estimates. For subsequent reports, the 2009 rates will be updated using 2009 population figures. For all other years, rates were calculated by dividing annual cases by the appropriate population estimate (e.g. 2001 cases divided by 2001 population). Specifics on population denominators used in this report are detailed below.

U.S. Denominators

For years 2000-2009, rates were calculated using the Census 2000 bridged-Race file developed by the Census Bureau and the National Center for Health Statistics (NCHS). Census 2000 was the first census to allow for racial identification as either a single race or in combination with other races; consequently, the Census 2000 data on race are not directly comparable with data from the 1990 census or earlier censuses. To address this inconsistency, NCHS and the Census Bureau

developed the Census 2000 bridged-race file,⁸ which bridges the 31 race categories specified in the 1997 Office of Management and Budget (OMB) standards (used in Census 2000) with the 4 race categories specified under 1977 OMB standards (used in the 1980 and 1990 censuses).⁹

For years 1990-1999, population counts were also updated to incorporate the bridged-race estimates based on the Census 2000 counts.⁶ These files were prepared by the Census Bureau with support from the National Cancer Institute.

U.S. rates for 1984-1989 were calculated using Census Bureau population estimates for corresponding years.¹⁰

AI/AN Denominators (National STD Profile)

National AI/AN rates, like U.S. rates, were calculated using national-level census population estimates. For 1984-1989, rates were calculated using AI/AN-specific Census Bureau population estimates.¹⁰ For 1990-2009, rates were calculated based on estimates of identified AI/AN in the Census 2000 bridged-race file.⁸

IHS Denominators (IHS Area STD Profiles)

Population denominators used to calculate IHS rates are based on estimates of AI/AN identified to be eligible for IHS services (i.e. the **IHS eligible population**).

IHS eligible population estimates are unique to this publication and are based on official county estimates from the Census 2000 bridged-race file. The Census Bureau enumerates those individuals who self-identify as being AI/AN. The IHS eligible population is estimated by counting those AI/AN (as self-identified during the Census) who reside in specified counties in which IHS provides services or resources (“on or near” reservations)—within IHS, these counties are commonly referred to as contract health service delivery areas (CHSDAs) or service counties. In 2009, there were 625 service counties in 35 states; the current listing of service counties can be obtained by contacting IHS

Data Source and Limitations

Division of Program Statistics (DPS) at IHSStatsHelp@ihs.gov or accessing the Federal Register of June 21, 2008.¹¹ Based on current service counties, the estimated overall 2009 IHS eligible population is 1.86 million persons, comprising 75% of all AI/AN residing in the U.S. These people may or may not access IHS services.

IHS eligible population estimates are similar, but not identical, to IHS service population estimates, which are official IHS population counts referenced in IHS publications^{1,2} and used by IHS when calculating AI/AN natality/mortality rates and other health statistics. In contrast to IHS eligible population estimates, IHS service population estimates are further adjusted using an intercensal smoothing process based on the most current 10 years of AI/AN natality and mortality data. This adjustment results in small differences between the IHS eligible and IHS service population estimates. (Appendix A) Overall, in 2009, IHS eligible population estimates were 2.5% lower than IHS service population estimates (1,862,500 vs. 1,909,550 respectively). For individual IHS Areas, IHS eligible population estimates (when compared to IHS service population estimates) ranged between 11.8% lower in the Alaska Area and 12.9% higher in the Phoenix Area.

Populations and population rankings shown in the individual Area IHS profiles are based on the official IHS service population. A population rank of 1 has the largest population; a rank of 12 has the smallest. Rates in the Area IHS profile graphs and tables use IHS eligible populations in order to compute rates by sex and age for each area.

Healthy People 2010 Objectives

In January 2000, CDC released Healthy People 2010 (HP 2010), a set of health objectives for the U.S. to achieve over the first decade of the new century.¹² The year 2010 targets for the diseases addressed in this report are: gonorrhea—19 cases per 100,000 population, and primary and secondary syphilis—0.2 case per 100,000 population.

Data Limitations and Clarifications

AI/AN and Hispanic Ethnicity

IHS-specific races shown in the IHS Area Profiles section of this report are based on case reports and population estimates for all individuals identified as AI/AN, including AI/AN Hispanics and AI/AN non-Hispanics. This methodology is consistent with current practices at IHS DPS.

In contrast, AI/AN STD rates shown in the National STD Profile and as published in the annual CDC STD Surveillance Summaries include case reports and population estimates only for AI/AN non-Hispanics; STD cases which occurred among AI/AN Hispanics are included in the Hispanic rates.

Differences in how AI/AN Hispanics are categorized in the National Profile vs. IHS Area Profiles result from differences in how primary data were collected in the STDSS and NETSS databases.

Misreporting of AI/AN Race

Previous studies have documented misreporting of AI/AN race on death certificates and in state STD surveillance databases,^{13, 14} resulting in underestimates when characterizing the burden of disease among AI/AN people. Misreporting of AI/AN race occurs particularly in areas distant from traditional AI/AN reservations.¹³ AI/AN and IHS rates presented in this report have not been adjusted for racial misreporting.

IHS Areas Containing Partial Service Counties

Five of the IHS Areas (Albuquerque, California, Navajo, Phoenix, and Tucson) contain service counties which are shared between IHS Areas or are partially contained within an IHS Area. For these 17 partial service counties, ^{Appendix B} IHS DPS developed “percentage splits” (based on the 1990 census), which determine what proportion of the county’s AI/AN population lies within the jurisdiction of a given IHS Area. These percentage splits, which are based

on geographic boundaries, tribal population counts and health care utilization data, are updated periodically.

For chlamydia and gonorrhea rates presented in this report, case counts and IHS populations for partial service counties were determined using percentage splits. This is the same methodology that IHS DPS currently uses when calculating natality and mortality rates involving partial service counties.

Because primary and secondary syphilis (P&S) rates are significantly lower than chlamydia and gonorrhea rates, attributing cases which occurred in partial service counties based on percentage splits could lead to substantial differences in rates as described in this report compared to actual disease rates. For the P&S cases which occurred in partial service counties during 1998-2009, we adjusted rates by reviewing case data with state STD database managers to determine which IHS Area the case should be assigned to, based on the patient's community of residence. Adjusted P&S case counts and rates are shown for the 5 affected IHS Areas (Albuquerque, California, Navajo, Phoenix, and Tucson).

Urban Indians and Non-Federally Recognized Tribes

STD data specific to urban Indians and members of non-federally recognized tribes are not included in this report. Methodologies to describe STD rates in these populations must still be developed. Such data may be included in future issues and updates.

Reporting Practices

Although most areas generally adhere to the case definition for STDs found in Case Definitions for Infectious Conditions under Public Health Surveillance,¹⁵ there may be differences in the policies and systems for collecting surveillance data. Thus, comparisons of case numbers and rates between areas should be interpreted with caution. However, since case definitions and surveillance activities within a given area remain relatively stable, trends should be minimally affected by these differences. In many areas, the reporting from publicly supported institutions (e.g. STD clinics and IHS, tribal, or urban Indian health organizations) has been more complete than from other sources (e.g. private practitioners). Thus, trends may not be representative of all segments of the population.

Reporting of Chlamydia Cases

Trends in chlamydia case reporting from many states and areas are more reflective of changes in testing, diagnosis, and reporting of cases, rather than actual trends in disease incidence. Because of this limitation, the CDC primarily monitors chlamydia trends not by rates (number of positive cases/population), but by positivity or estimated prevalence (number of positive cases/number tested).¹⁶ In areas where chlamydia positivity data are limited or not available, it is important to publish data on chlamydia rates (as provided in this report) in order to emphasize the large numbers of chlamydia cases being detected. Chlamydia positivity data by IHS Area are not included in this report.

Interpretation of Case Rates when Case Counts are Small

STD case rates for many analyses presented in this report are based on small case counts (e.g. ≤ 20 cases); such rates and trends should be interpreted with caution. Small case counts occur in analyses by sex and age as well as P&S analyses, and analyses involving IHS Areas with small populations (e.g. Tucson and Billings). Case counts corresponding to all rates shown in this report are provided in the tables section.

What is New in This Report

- The 2009 report is expanded to include cases and rates from 2008-2009.
- The algorithm to redistribute cases with unknown race was modified to reduce the impact of rounding. This may have resulted in small changes in the estimated IHS Area cases and rates in some years.
- Counties in each IHS region were modified to be consistent with the CHSDA counties reported in the June 21, 2008 Federal Registry.¹¹ Changes included adding Torrance County, NM to Albuquerque IHS area; Grand Parish and LaSalle Parish LA to the Nashville IHS area; Utah County, UT to the Phoenix IHS area; and San Juan County, WA to the Portland IHS area. Counties deleted were Hudspeth County, TX from the Albuquerque IHS area; Pierce County, WI from the Bemidji IHS area and Santa Cruz County, AZ from the Tucson IHS area.

Summary of Data

Summary of Data

Sexually transmitted diseases (STDs) remain a major public health challenge in the U.S. While substantial progress has been made in preventing, diagnosing, and treating certain STDs in recent years, CDC estimates that 19 million new infections occurred in 2000, almost half of them among young people ages 15 to 24.¹⁷ In addition to the physical and psychological consequences of STDs, these diseases also exact a tremendous economic toll. Direct medical costs associated with STDs in the U.S. are estimated at \$15.9 billion annually.¹⁸

This report summarizes 2009 national data and trends for chlamydia, gonorrhea, and primary and secondary syphilis (P&S) among American Indians and Alaska Natives (AI/AN). AI/ANs are one of the smallest racial groups in the U.S., comprising between 0.9%-1.5% of the total U.S. population¹⁹—but are disproportionately affected by STDs. In 2009, reported rates of chlamydia, gonorrhea, and P&S among AI/AN were 1.2 to 4.3 times higher than comparable rates for whites.³

Chlamydia

Across all race/ethnicities, chlamydia remains the most commonly reported infectious disease in the U.S. In 2009, 19,618 chlamydia diagnoses were reported among AI/AN, down slightly from 19,917 cases in 2008.^{3,20} The national AI/AN rate of reported chlamydia in 2009 was 776.5 cases per 100,000 population, a decrease of 1.5% from 2008 (788.3 cases per 100,000 population).^{3,20} The 2009 chlamydia rate among AI/AN was 1.9 times higher than the U.S. rate (409.2 cases per 100,000 population).³

Large Disparity Between IHS and U.S. Rates

Among AI/AN residing in IHS service areas, the overall IHS chlamydia rate in 2009 was 816.2 cases per 100,000 population, which was 2.0 times higher than the corresponding U.S. rate (409.2 cases per 100,000 population); 10 IHS Areas (all but California and Nashville) had chlamydia rates up to 5.7 times higher than the U.S. rate. For all populations, increases in chlamydia rates over the past 20 years largely reflect the expansion of screening activities, increasingly sensitive diagnostic tests, an increased emphasis on case reporting, and improvements in reporting system. However, many women who are at risk are still not being tested.³ Still, several IHS Areas had decreasing chlamydia rates between 2008 and 2009: Bemidji (-2.0%), Billings (-4.2%), California (-13.9%), Navajo (-4.5%), Oklahoma City (-3.5%), Phoenix (-6.1%) and Tucson (-5.0%).

Young Women Especially Affected

Compared to men, chlamydia rates are higher among women and reflect the fact that women are more likely to be screened for this infection. Chlamydia rates are highest among women age 15-24. In 2009, the overall IHS rate among women ages 15-24 years was 4,701.2 cases per 100,000 population, which was 1.5 times higher than the corresponding U.S. rate (3,231.4 cases per 100,000 population). For individual IHS Areas, chlamydia rates among women 15-24 years ranged between 1,072.4 cases per 100,000 population in the California Area to 12,752.5 cases per 100,000 population in the Alaska Area.

Gonorrhea

Gonorrhea is the second most commonly reported infectious disease in the U.S. In 2009, 2,917 gonorrhea diagnoses were reported among AI/AN, up from 2,764 cases in 2008.^{3,20} The national rate of reported gonorrhea in 2009 among AI/AN was 113.3 cases per 100,000 population, an increase of 5.5% from 2008 (107.4 cases per 100,000 population).^{3,20} The 2009 gonorrhea rate among AI/AN was higher than the U.S. rate (99.1 cases per 100,000 population).³

Overall 2009 IHS Rate Lower than U.S. Rate

In 2009, the overall IHS gonorrhea rate of 111.6 cases per 100,000 population was higher than the U.S. gonorrhea rate of 99.1 cases per 100,000 population. Gonorrhea rates for the overall IHS population increased from 96.3 to 111.6 cases per 100,000 population between 1998 and 2009, with a peak of 120.5 in 2006.

High Gonorrhea Rates in 4 IHS Areas

Reported gonorrhea rates in 2009 for 4 IHS Areas—Aberdeen, Alaska, Bemidji, and Oklahoma City—were 1.3 to 6.0 times higher than the U.S. rate. The Alaska Area had the highest gonorrhea rate (593.4 cases per 100,000 population). For the overall IHS population in 2009, gonorrhea rates were higher—almost double—for women (147.0 cases per 100,000 population) compared to men (75.1 cases per 100,000 population).

Primary and Secondary Syphilis (P&S)

The rate of P&S in the U.S. decreased throughout the 1990s, and in 2000 reached an all-time low. However, over the past 6 years both the U.S. and AI/AN syphilis rates have been increasing. Between 2008 and 2009, the AI/AN P&S rate increased slightly, from 2.3 to 2.4 cases per 100,000 population; comparatively, the U.S. P&S rate increased from 4.4 to 4.6 cases per 100,000 population. In 2009, 61 P&S diagnoses were reported among AI/AN, up from 58, in 2008.^{3,20}

IHS Cases Primarily Occurring in the Southwest

In 2009, 38 of 41 P&S cases (93%) diagnosed within the IHS service area occurred in 5 IHS Areas in the Southwest—Albuquerque, Navajo, Oklahoma City, Phoenix, and Tucson; 5 IHS Areas had no P&S cases in 2009. IHS cases of P&S in the Southwest have been increasing since 2000, with peaks in 2004 (56 cases) and 2007 (54 cases). During 2008-2009, the greatest P&S rate increase occurred in the Albuquerque Area (from 0.9 to 6.2 cases per 100,000 population), followed by Phoenix Area (from 3.4 to 3.9 cases per 100,000). Three areas had notable decreases in P&S rates: Tucson (from 14.9 to 12.4 cases per 100,000 population, Navajo (from 5.3 to 4.8 cases per 100,000 population), and Oklahoma City (from 2.4 to 1.8 cases per 100,000 population).

IHS Cases Evenly Distributed Between Men and Women

For overall IHS cases in 2009, the P&S male-to-female rate ratio was 3:1, which indicates a disproportionate number of P&S cases occurring among AI/AN men compared to AI/AN women. This is a large increase since the 2007 surveillance report was published, when the ratio was 1:1.⁵ The U.S. P&S male-to-female rate ratio in 2009 was 6:1. These disparities reflect recent syphilis outbreaks in the U.S. which have primarily occurred among urban men who have sex with men (MSM). The ratios vary between IHS areas, with some affected areas having proportionately more men infected (e.g., Phoenix (8:1), Navajo (2:1), Albuquerque (3:1), Oklahoma City (4:1); however, in Tucson the female-to-male ratio is slightly higher (1.4:1).

National STD Profile

Chlamydia

Gonorrhea

Primary and Secondary Syphilis

Chlamydia

Chlamydia is the most common nationally notifiable disease in the U.S. and disproportionately affects young women.³ Chlamydia infections are asymptomatic in most women and, if untreated, can result in serious complications, including pelvic inflammatory disease (PID), infertility, and ectopic pregnancy.^{21, 22} A pregnant woman infected with chlamydia can transmit infection to her child during delivery, potentially leading to neonatal pneumonia. In addition, chlamydia infections have been shown to facilitate the transmission of HIV.²³ Despite these complications, chlamydia is easily treated and cured with antibiotics.

In 2000, for the first time, regulations in all 50 states and DC required the reporting of chlamydia cases. Trends in chlamydia case reporting from many states and areas are more reflective of changes in testing, diagnosis, and reporting of cases, rather than actual trends in disease incidence. Because of this limitation, the CDC primarily monitors chlamydia trends not by rates (number of positive cases/population), but by positivity or estimated prevalence (number of positive cases/number tested). Only chlamydia rates are shown in this report.

In 2009, 1,244,180 chlamydia infections were reported in the U.S. This case count corresponds to a rate of 409.2 cases per 100,000 population, a 2.8% increase from 2008 (398.1 cases per 100,000 population).^{3,20}

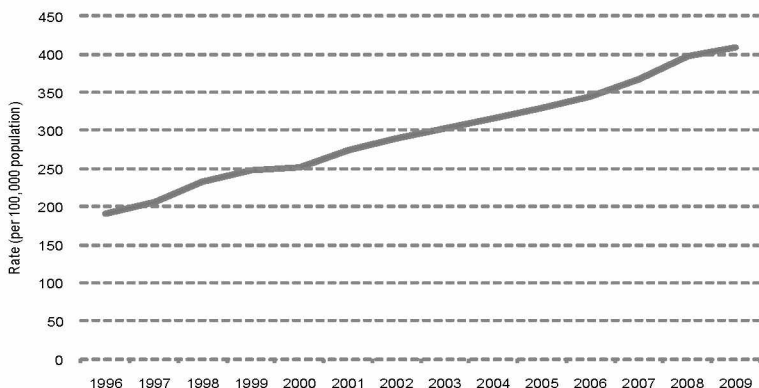
Key Points and Trends

- In 2009, among all race/ethnicities, AI/AN had the second highest chlamydia rate (776.5 cases per 100,000 population), which was 4.3 times higher than the rate for whites (178.8 cases per 100,000 population). African-Americans had the highest chlamydia rate (1,559.1 cases per 100,000 population).³
- In 2009, 19,618 of 1,244,180 chlamydia infections (1.6%) were reported among AI/AN. The AI/AN chlamydia rate decreased by 1.5% during 2008-2009 (2008 rate: 788.3 cases per 100,000 population).^{3, 20}
- In 2009, the chlamydia rate among AI/AN women in the U.S. (1,214.9 cases per 100,000 females) was nearly 4 times higher than the rate among AI/AN men (323.8 cases per 100,000 males), likely reflecting a greater number of women screened for this infection.^{3,20} This rate ratio was slightly higher than the rate ratio by sex in the total U.S. (592.2 cases per 100,000 females and 219.3 cases per 100,000 males; female to male rate ratio of 2.7).^{3,20}
- Among AI/AN women, the highest age-specific rates of reported chlamydia in 2009 were among 20- to 24-year-olds (5,104.4 per 100,000 females) and 15- to 19-year-olds (4,619.3 per 100,000 females).^{3,19} These two age groups also represented the highest age specific rates among all women in the U.S. (15-19 years: 3,329.3 per 100,000 females and 20-24 years: 3,273.9 per 100,000 females).^{3,20}
- Age-specific rates among AI/AN men, while substantially lower than the rates in AI/AN women in 2009, were highest among 20 to 24-year-olds (1,367.0 cases per 100,000 males).^{3,19} This age group also had the highest rates among all men in the U.S. (1,120.6 cases per 100,000 males).^{3,20}

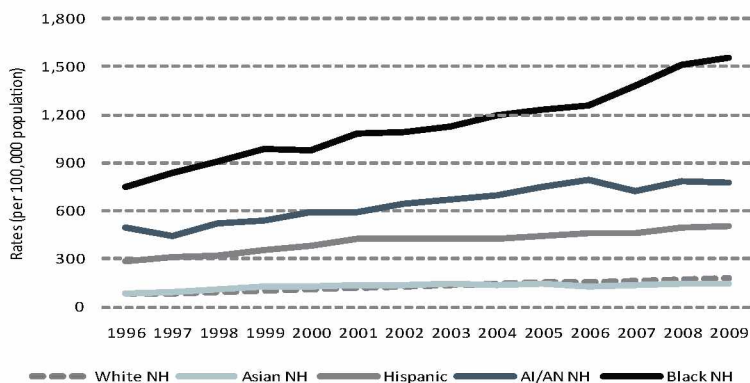
United States

Reference: Tables 1A, 1B, 2A, 2B

Total Chlamydia Rates, U.S.



Chlamydia Rates by Race and Ethnicity



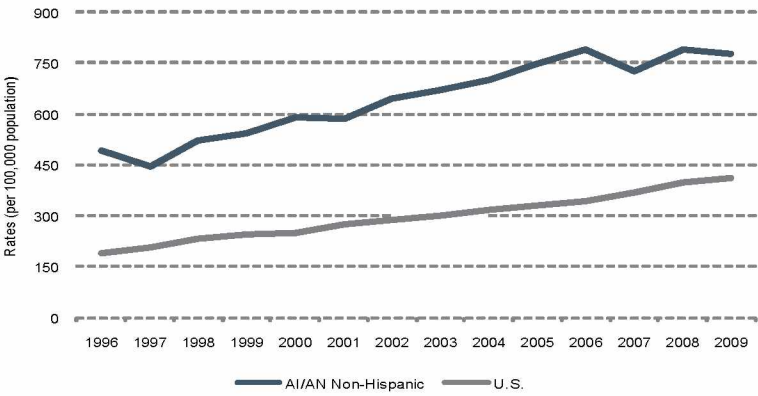
About these graphs:

- AI/AN rates (and rates for other race/ ethnicities) based on national populations
- AI/AN rates based on AI/AN non-Hispanics only; AI/AN Hispanics included in Hispanic rates
- Exclusions: States with >50% cases with unknown race/ethnicity excluded for given years
- Adjustments: States with <50% cases with unknown race/ethnicity have cases redistributed
- Data source: STDSS

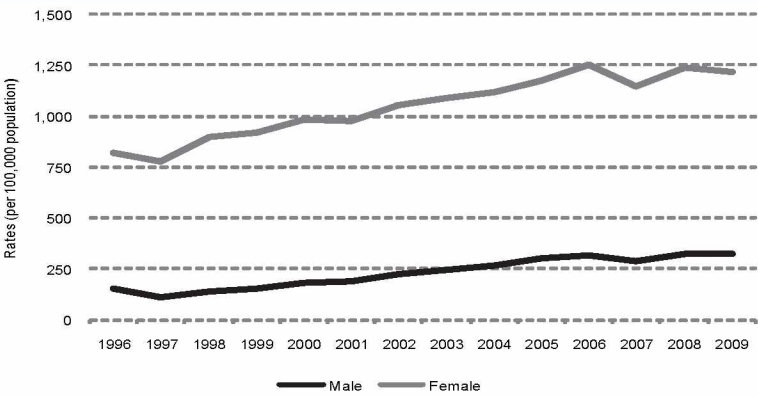
American Indians / Alaska Natives

Reference: Tables 2A, 2B, 3A, 3B

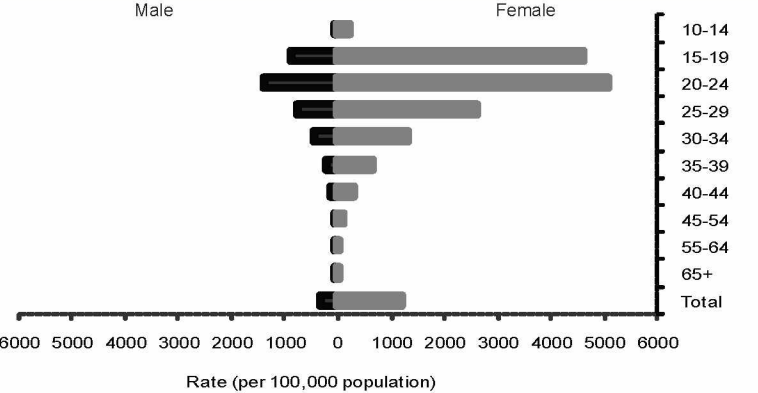
Total Chlamydia Rates, AI/AN Non-Hispanic and U.S.



Chlamydia Rates by Sex, AI/AN Non-Hispanic



Chlamydia Rates by Sex and Age, AI/AN Non-Hispanic, 2009



Gonorrhea

Gonorrhea is the second most common nationally notifiable disease in the U.S.³ and, like chlamydia, is a major cause of PID, infertility, and ectopic pregnancy. Gonococcal infections may be transmitted from a pregnant woman to her child during delivery (potentially causing ophthalmic disease),²¹ and have also been shown to facilitate the transmission of HIV.²³ Gonorrhea is curable with antibiotics, though resistance to certain classes of antibiotics is an emerging problem.³

From 1975 through 2004, gonorrhea declined 74% following implementation of the national gonorrhea control program in the mid-1970s.²¹ During 1997-2006, the rate ranged between 112.4 and 129.3 cases per 100,000 population. During 2006-2009, national gonorrhea rates declined from 119 cases per 100,000 population to 99.1 cases.

In 2009, 301,174 cases of gonorrhea were reported in the U.S. These cases correspond to a rate of 99.1 cases per 100,000 population, a 10.5% decrease from 2008 (110.7 cases per 100,000 population).^{3,20}

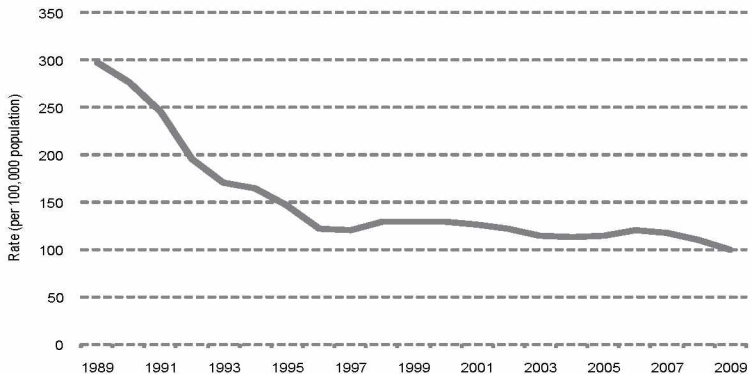
Key Points and Trends

- In 2009, among all race/ethnicities, AI/AN had the second highest gonorrhea rate (113.3 cases per 100,000 population), which was 4.2 times higher than the rate for whites (27.2 cases per 100,000 population). African-Americans had the highest gonorrhea rate (556.4 cases per 100,000 population).³
- In 2009, 2,917 of 301,174 gonorrhea infections (1.0%) reported to CDC from the 50 states and DC occurred among AI/AN. The AI/AN gonorrhea rate increased by 5.5% during 2008-2009 (2009 rate: 113.3 cases per 100,000 population). The total U.S. gonorrhea rate decreased 10.4% during 2008-2009.^{3,20}
- In 2009, the gonorrhea rate among AI/AN women in the U.S. (147.3 cases per 100,000 females) was 1.9 times higher than the rate among AI/AN men (78.2 cases per 100,000 males).^{3,20} For the U.S., the gonorrhea rate among women was 105.5 cases per 100,000 females and 91.9 cases per 100,000 males.³
- Among AI/AN women, the highest age-specific rates of reported gonorrhea in 2009 were among 20- to 24-year-olds (570.0 per 100,000 females) and 15- to 19-year-olds (494.9 per 100,000 females).³ These two age groups also represented the highest age-specific rates among all women in the U.S. (15-19 years: 568.8 per 100,000 females and 20-24 years: 555.3 per 100,000 females).³
- Age-specific rates among AI/AN men, while substantially lower than the rates in AI/AN women in 2009, were highest among 20- to 24-year-olds (244.4 cases per 100,000 males).³ This age group also had the highest rates among all men in the U.S. (407.5 cases per 100,000 males).³

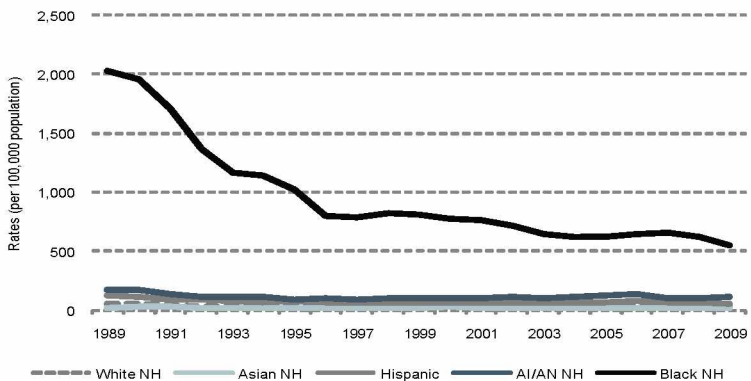
United States

Reference: Tables 1A, 1B, 4A, 4B

Total Gonorrhea Rates, U.S.



Gonorrhea Rates by Race and Ethnicity



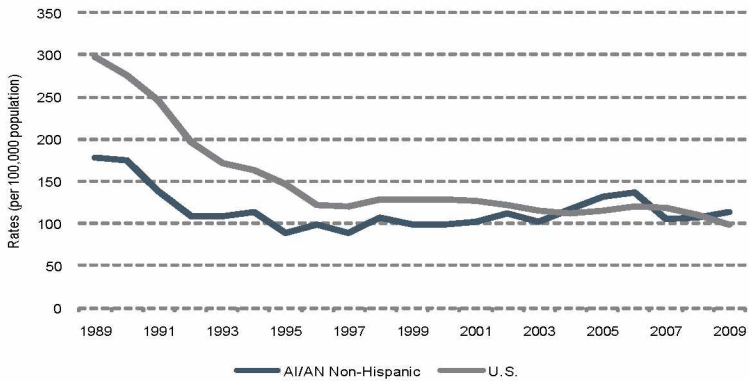
About these graphs:

- AI/AN rates (and rates for other race/ ethnicities) based on national populations
- AI/AN rates based on AI/AN non-Hispanics only; AI/AN Hispanics included in Hispanic rates
- Exclusions: States with >50% cases with unknown race/ethnicity excluded for given years
- Adjustments: States with <50% cases with unknown race/ethnicity have cases redistributed
- Data source: STDSS

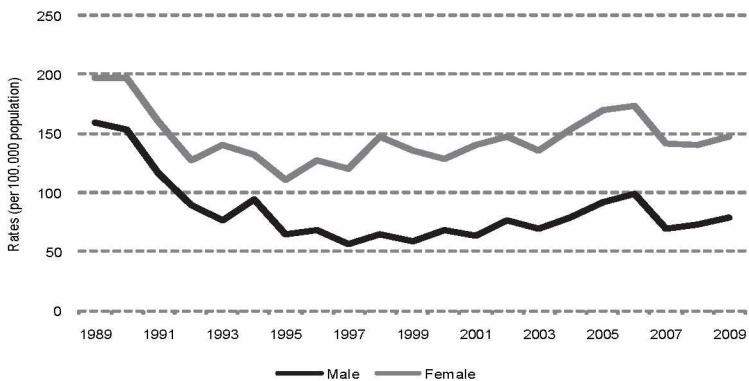
American Indians / Alaska Natives

Reference: Tables 4A, 4B, 5A, 5B

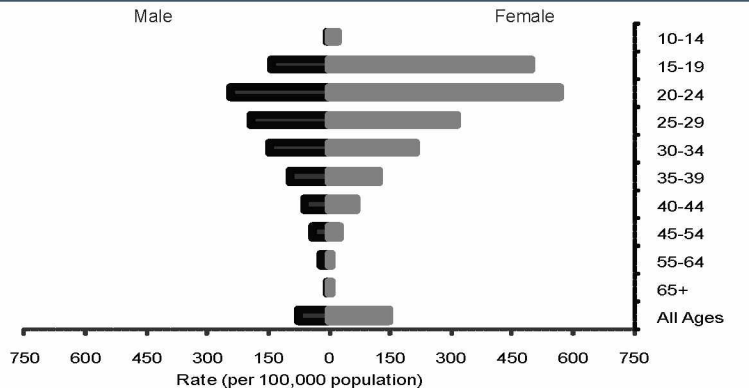
Total Gonorrhea Rates, AI/AN Non-Hispanic and U.S.



Gonorrhea Rates by Sex, AI/AN Non-Hispanic



Gonorrhea Rates by Sex and Age, AI/AN Non-Hispanic, 2009



Primary and Secondary Syphilis

Syphilis, in its primary and secondary stages, is a highly infectious, but easily curable, STD. However, if untreated, it can lead to serious long-term complications, including stroke, heart disease, and death. Syphilis can be transmitted from untreated mothers to their fetuses, potentially leading to stillbirths and congenital deformities.²⁴ In addition, syphilis has been shown to increase the rate of HIV transmission by two- to five-fold.²³ For these reasons, syphilis prevention and control is a public health priority.

The rate of P&S decreased during the 1990s and reached an all-time low in 2000 (2.1 cases per 100,000 population).³ The low rate of infectious syphilis and the concentration of the majority of syphilis in a small number of geographic areas in the U.S. led to the development of the CDC's National Plan to Eliminate Syphilis in October 1999.²⁵ Since 2000, P&S rates in the U.S. have increased, with increases primarily occurring among men who have sex with men (MSM).³

In 2009, 13,997 P&S cases were reported in the U.S. This case count corresponds to a rate of 4.6 cases per 100,000 population, an 4.5% increase from 2008 (4.4 cases per 100,000 population).

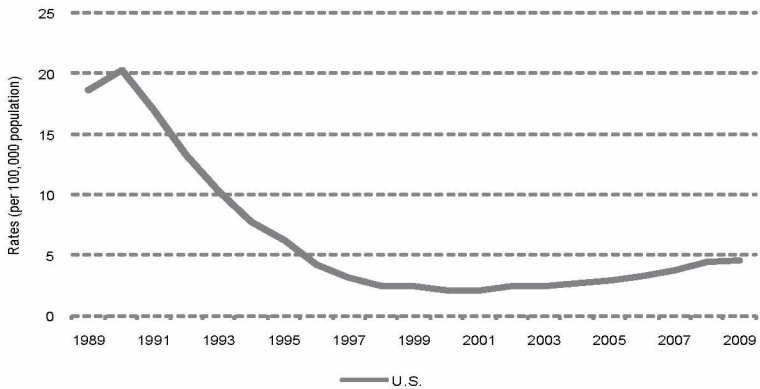
Key Points and Trends

- In 2009, among all race/ethnicities, AI/AN had the third highest P&S rate (2.4 cases per 100,000 population), which was similar to the rate for whites (2.1 cases per 100,000 population). African-Americans (19.2 cases per 100,000) and Hispanics (4.5 cases per 100,000 population) had higher rates than AI/AN.³
- In 2009, 61 of 13,997 P&S cases (0.4%) reported to CDC from the 50 states and DC occurred among AI/AN.³ The AI/AN P&S rate increased slightly to 2.4 cases per 100,000 population during 2008-2009 (2008 rate: 2.3 cases per 100,000 population).^{3,20}
- In 2009, the male-to-female P&S rate ratio among AI/AN increase to 4:1, indicating more cases being diagnosed among men than women.³ Similarly, for the total U.S., the male-to-female P&S rate ratio has risen steadily since 1996 to 6:1 in 2009, reflecting an increase in syphilis among men-who-have-sex-with-men (MSM) during this time.³
- In 2009, among AI/AN, the age-specific P&S syphilis rates were highest among women aged 25-29 years (3.1 cases per 100,000 population) and among men aged 35-39 years (11.4 cases per 100,000 population).³ For the total U.S., the highest age-specific P&S rates were reported among 20-24 year olds for both women and men (5.6 and 20.7 cases per 100,000 population, respectively).³ In previous years, the highest age group among U.S. men was 35-39 years.

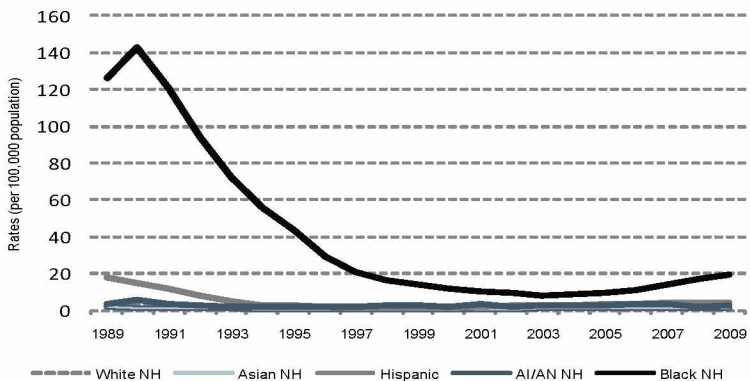
United States

Reference: Tables 1A, 1B, 6A, 6B

Total P&S Rates, U.S.



P&S Rates by Race and Ethnicity



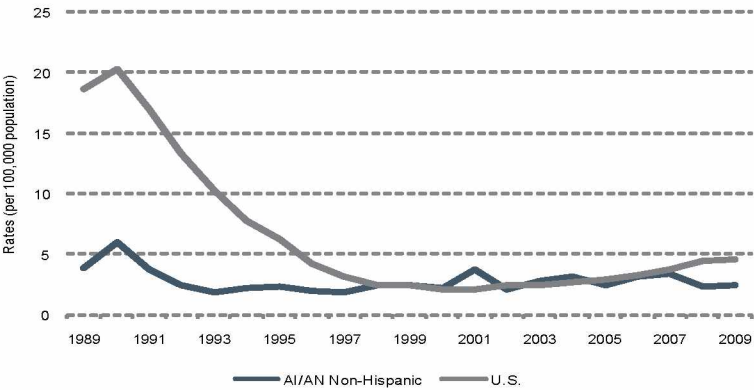
About these graphs:

- AI/AN rates (and rates for other race/ ethnicities) based on national populations
- AI/AN rates based on AI/AN non-Hispanics only; AI/AN Hispanics included in Hispanic rates
- Exclusions: States with >50% cases with unknown race/ethnicity excluded for given years
- Adjustments: States with <50% cases with unknown race/ethnicity have cases redistributed
- Data source: STDSS

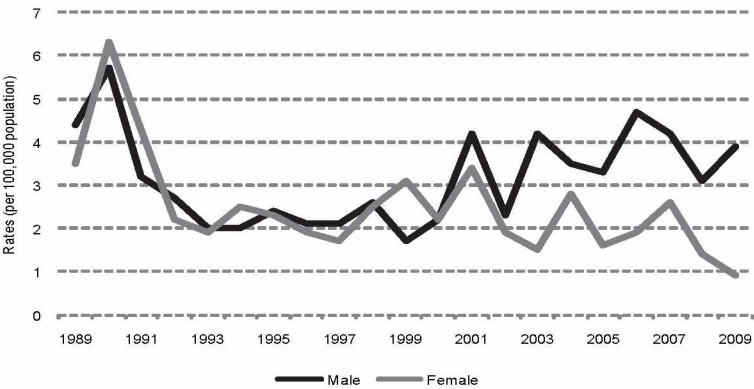
American Indians / Alaska Natives

Reference: Tables 6A, 6B, 7A, 7B

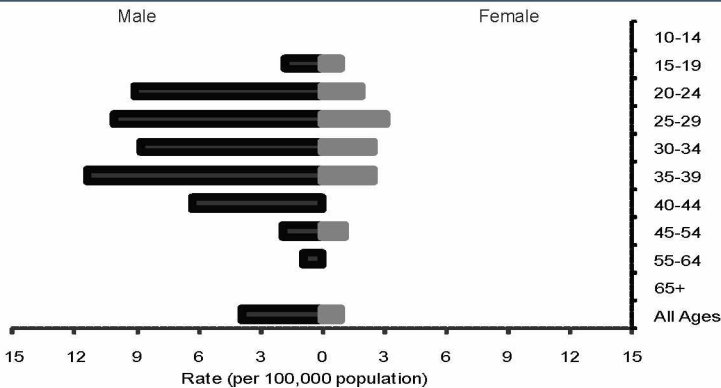
Total P&S Rates, AI/AN Non-Hispanic and U.S.



P&S Rates by Sex, AI/AN Non-Hispanic



P&S Rates by Sex and Age, AI/AN Non-Hispanic, 2009



IHS Area STD Profiles

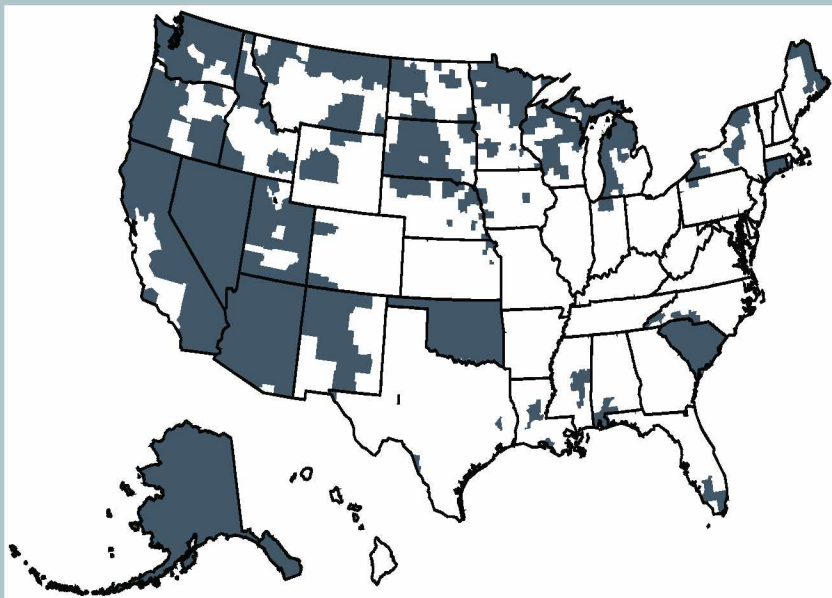
Aberdeen / Alaska / Albuquerque

Bemidji / Billings / California

Nashville / Navajo / Oklahoma City

Phoenix / Portland / Tucson

Indian Health Service



The IHS service area is comprised of 625 service counties in 35 states. The IHS service population is estimated by enumerating AI/AN who live in service counties.

Geography:

- States: 35 (AL, AZ, CA, CO, CT, FL, ID, IN, IA, KS, LA, ME, MA, MI, MN, MS, MT, NE, NV, NM, NY, NC, ND, OK, OR, PA, RI, SC, SD, TX, UT, WA, WI, WY)
- Counties: 625
- IHS Areas: 12

Tribes: 562

2009 IHS Service Population

(est.): 1,909,550

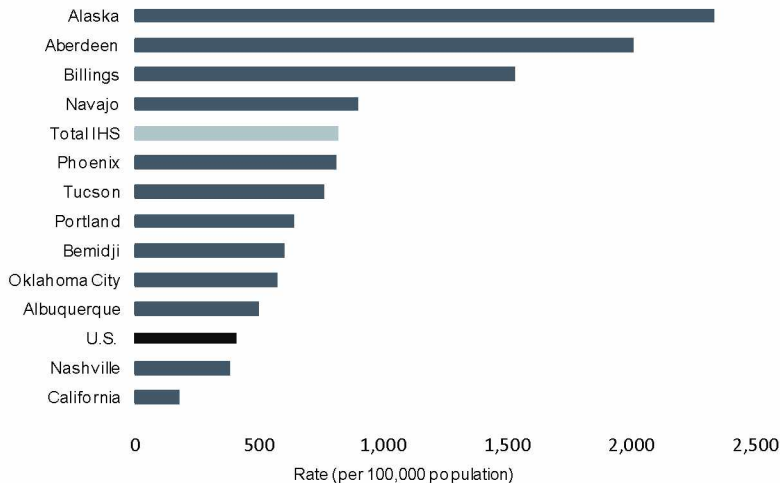
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: States with >50% of cases with unknown race excluded
- Adjustments: States with <50% of cases with unknown race have cases redistributed
- Cases from partial IHS Area service counties are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

Chlamydia Rates by IHS Area, 2009



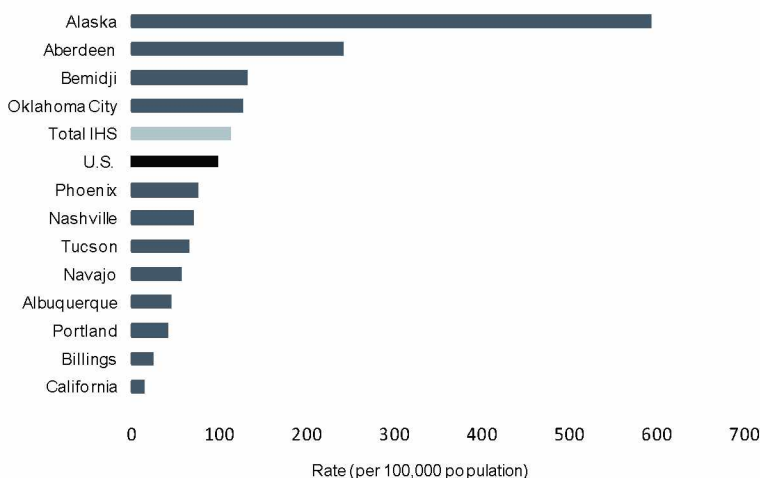
Key Points and Trends

- In 2009, the overall IHS chlamydia rate was 2.0 times higher than the U.S. rate (816.2 and 409.2 cases per 100,000 population respectively)
- 10 of the 12 IHS Areas had higher 2009 chlamydia rates compared to the U.S. rate, ranging from 1.2 to 5.7 times higher than the U.S. rate
- In 2009, all IHS Areas had female chlamydia rates that were between 2.5 and 5.5 times higher than male rates, likely reflecting greater numbers of women screened for this infection.
- During 2008-2009 overall chlamydia rates in the U.S. increased 2.8% (from 398.1 to 409.2), while overall IHS chlamydia rates slightly decreased by 0.3%; the IHS area with the greatest increase was Nashville Area (14.0%); the California Area had the largest decrease (-13.9%).

Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

Gonorrhea Rates by IHS Area, 2009



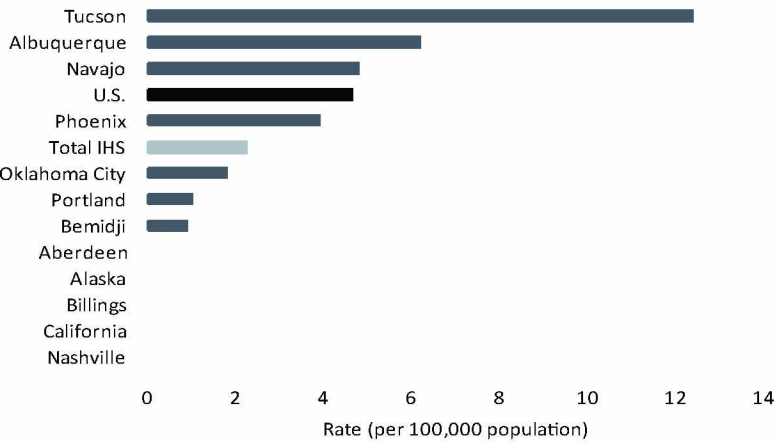
Key Points and Trends

- In 2009, the overall IHS gonorrhea rate was higher than U.S. rates (111.6 and 99.1 cases per 100,000 population, respectively)
- Four IHS Areas (Aberdeen, Alaska, Bemidji, Oklahoma City) had gonorrhea rates higher than the U.S. rate, ranging from 1.3 to 6 times greater
- In 2009, the overall IHS female gonorrhea rate was 2.0 times the male rate; all but 2 IHS Areas (Billings and Navajo) had higher female gonorrhea rates than male rates
- During 2008-2009, overall gonorrhea rates in the U.S. decreased 10.5% (from 110.7 to 99.1 cases per 100,000 population), while overall IHS rates increased by 11.9%; IHS areas with the greatest increases were Alaska Area (88.9%) and Bemidji Area (11.8%); the IHS Areas with the greatest decreases were California (-56.3%) and Portland (-40.9%)

Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

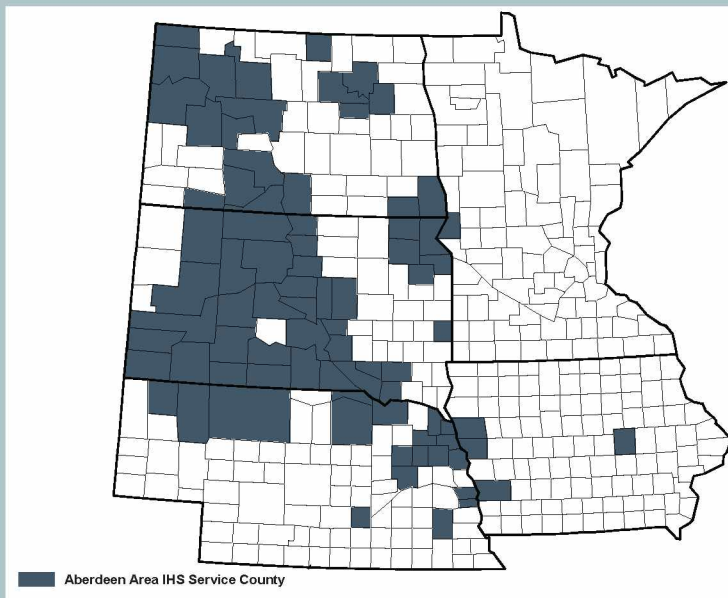
P&S Rates by IHS Area, 2009



Key Points and Trends

- In 2009, the overall IHS P&S rate was 2.2 cases per 100,000 population, compared to 4.6 cases per 100,000 population for the overall U.S.
- Within IHS, 38 of 41 (93%) P&S cases occurred in 5 IHS Areas in the southwest: Albuquerque (6 cases), Navajo (11 cases), Oklahoma City (6 cases), Phoenix (10 cases), and Tucson (5 cases); 5 IHS Areas had no P&S cases in 2009
- In 2009, the male-to-female P&S rate ratio among AI/AN was 3:1, indicating more cases being diagnosed among men than women. The U.S. male-to-female ratio was 6:1.
- During 2008-2009, overall P&S rates in the U.S. increased from 4.4 to 4.6 cases per 100,000 population; overall IHS rates increased from 2.1 to 2.2 cases per 100,000. The largest increase occurred in the Albuquerque Area (from 0.9 to 6.2 cases per 100,000); the Oklahoma City and Tucson Areas had the largest decreases (-25% and -17% cases per 100,000 population, respectively)

Aberdeen Area IHS



Geography:

- States: 5
(IA, MN, ND, NE, SD)
- Counties: IA (4/99) MN
(1/87) ND (20/53) NE (19/93)
SD (37/66)

Tribes: 18

IHS Service Population:

- 2009 (est.): 120,359
- Rank: 9 of 12 Areas

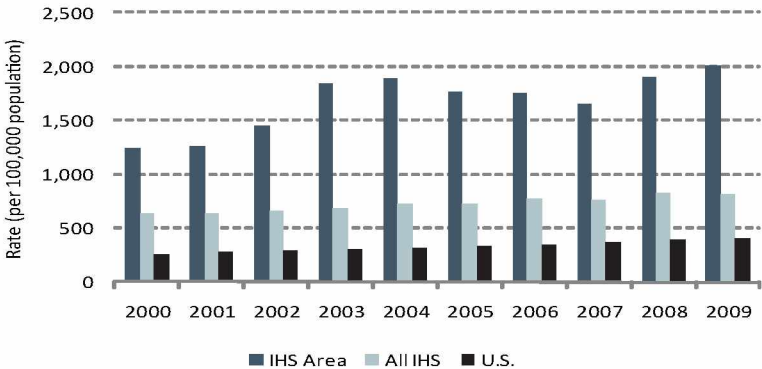
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: None
- Adjustments: Cases with unknown race are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

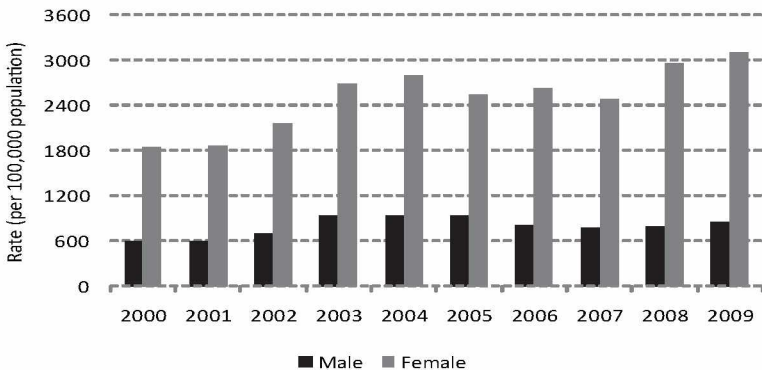
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

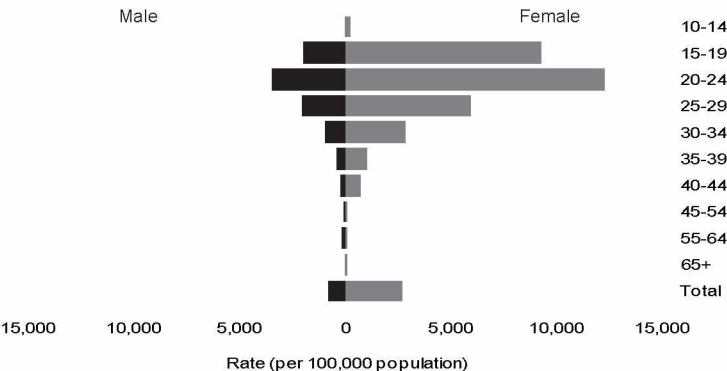
Total Chlamydia Rates



Chlamydia Rates by Sex, Aberdeen Area IHS



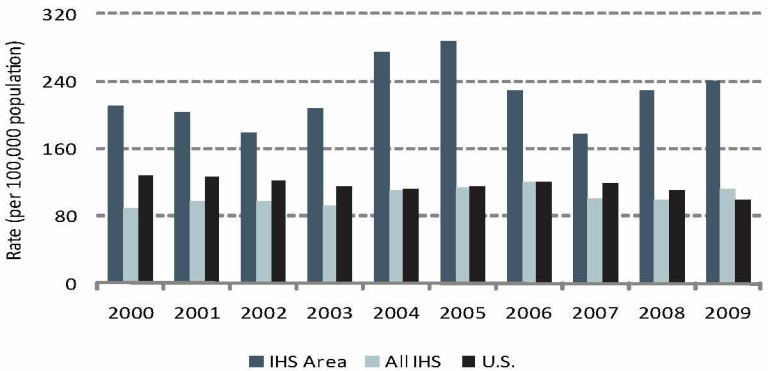
Chlamydia Rates by Sex and Age, Aberdeen Area IHS, 2009



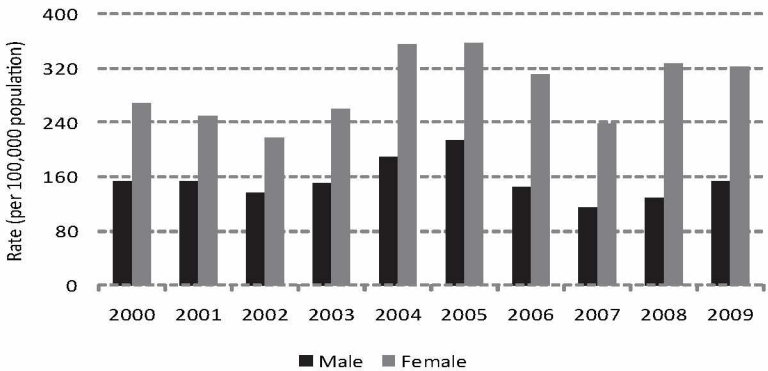
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

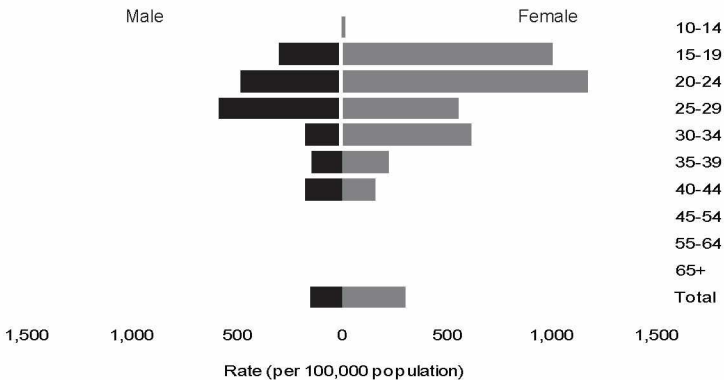
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Aberdeen Area IHS



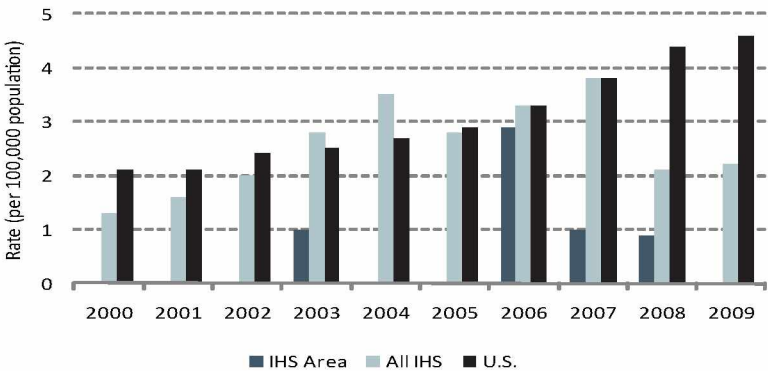
Gonorrhea Rates by Sex and Age, Aberdeen Area IHS, 2009



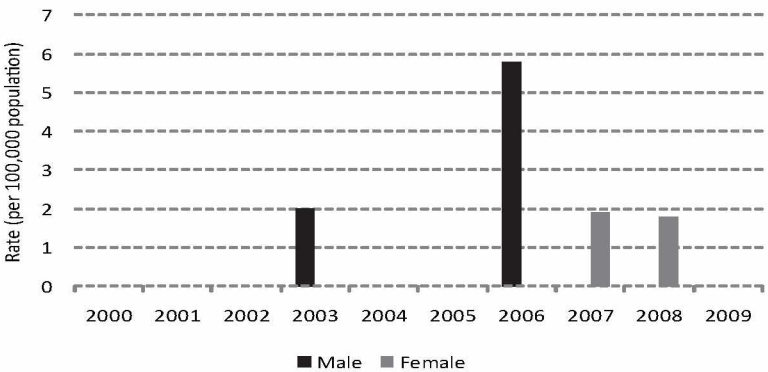
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

Total P&S Rates



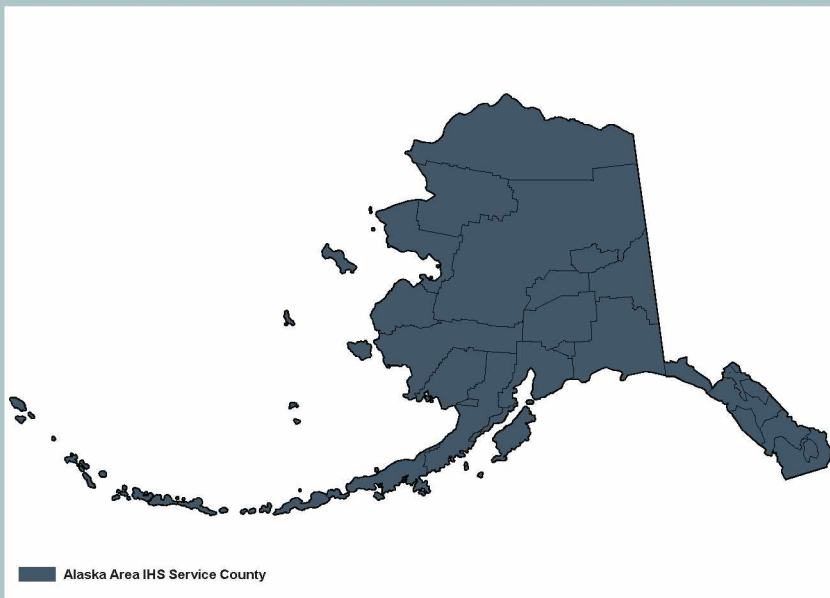
P&S Rates by Sex, Aberdeen Area IHS



P&S Rates by Sex and Age, Aberdeen Area IHS, 2009

No P&S cases reported in 2009

Alaska Area IHS



Geography:

- States: 1 (AK)
- County-equivalents: AK (27/27)

Tribes: 228

IHS Service Population:

- 2009 (est.): 125,297
- Rank: 7 of 12 Areas

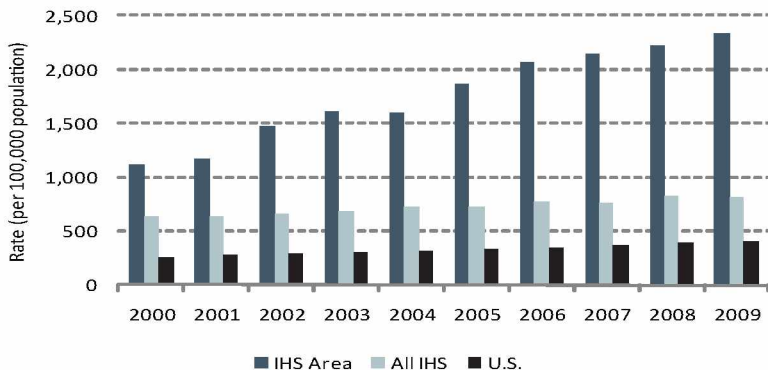
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: None
- Adjustments: Cases with unknown race are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

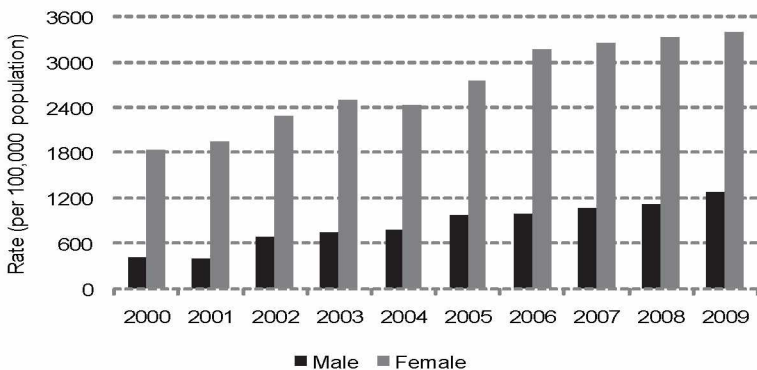
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

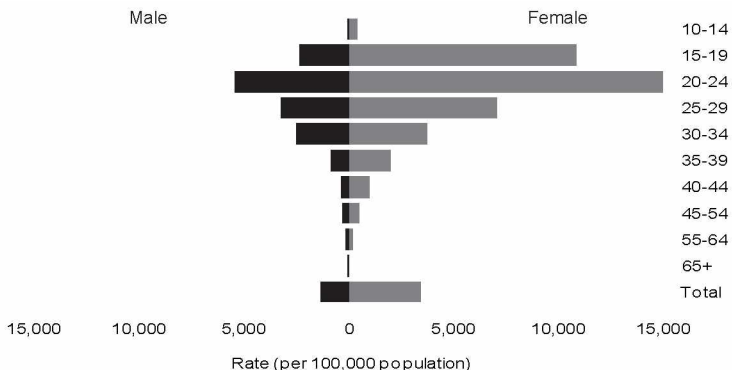
Total Chlamydia Rates



Chlamydia Rates by Sex, Alaska Area IHS, 2009



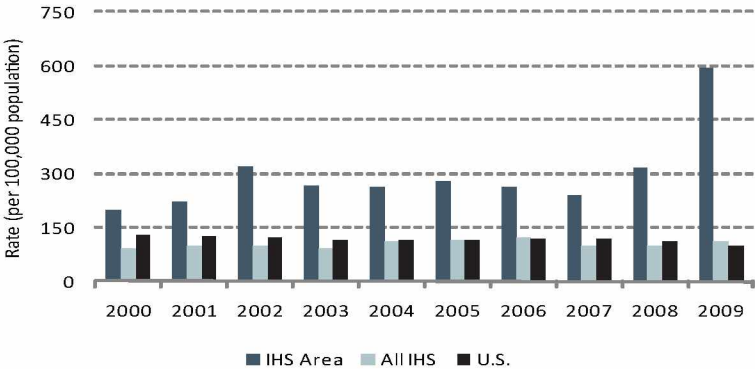
Chlamydia Rates by Sex and Age, Alaska Area IHS, 2009



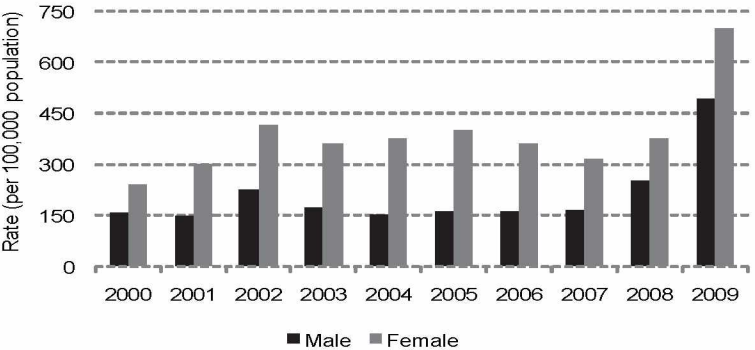
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

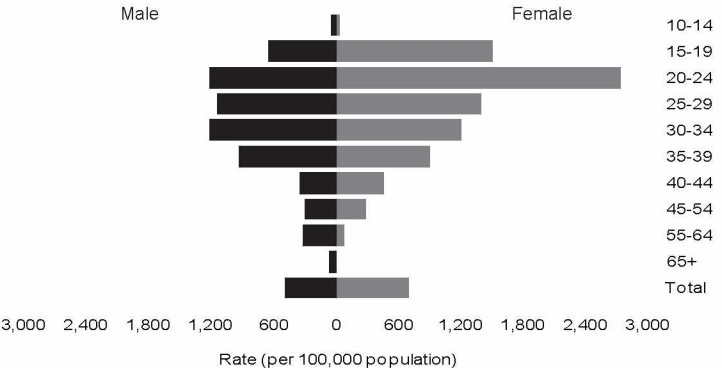
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Alaska Area IHS



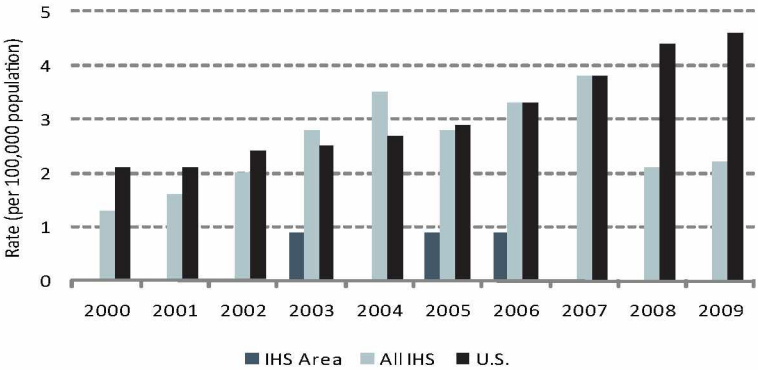
Gonorrhea Rates by Sex and Age, Alaska Area IHS, 2009



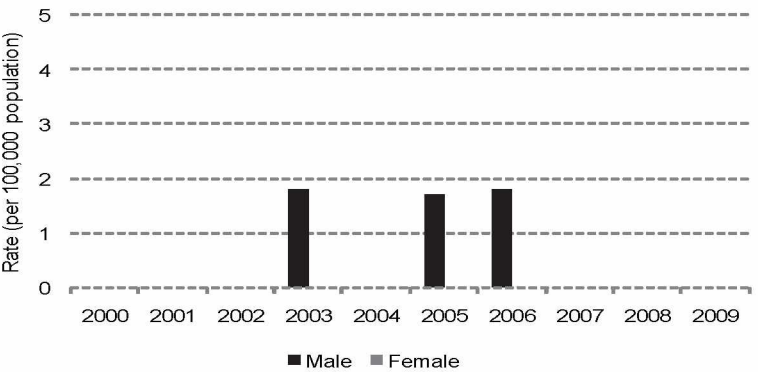
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

Total P&S Rates



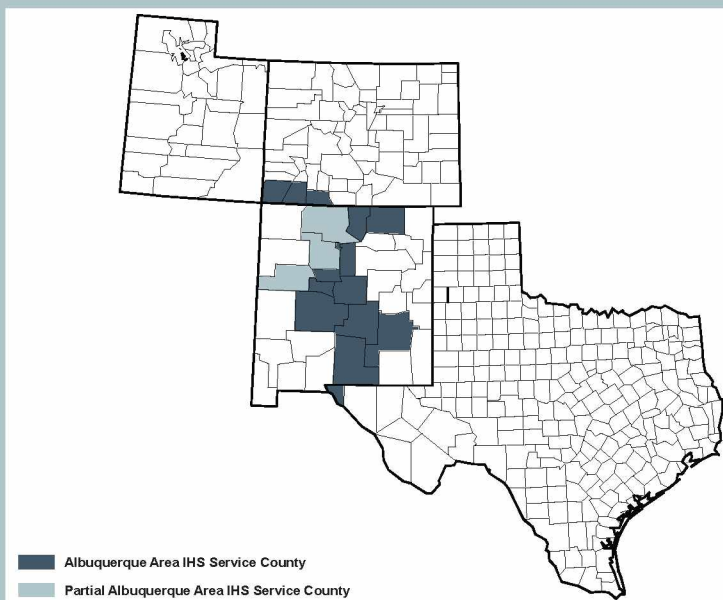
P&S Rates by Sex, Alaska Area IHS



P&S Rates by Sex and Age, Alaska Area IHS, 2009

No P&S cases reported in 2009

Albuquerque Area IHS



Geography:

- States: 4
- (CO, NM, TX, UT)
- Counties: CO (3/64) NM (15/33) TX (1/254) UT (1/29)

Tribes: 25

IHS Service Population:

- 2009 (est.): 107,863
- Rank: 10 of 12 Areas

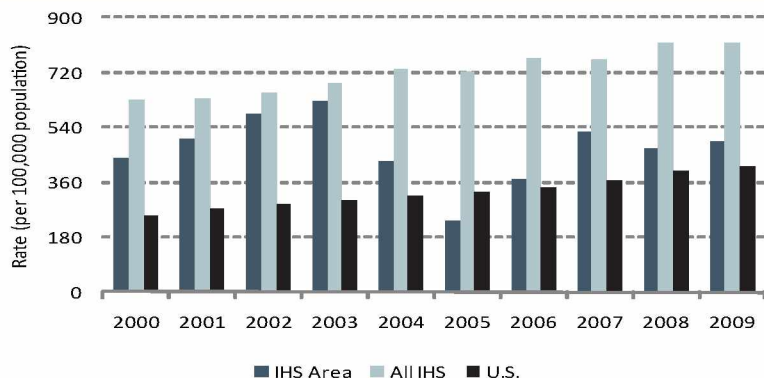
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: CO (chlamydia 98-01, 03-07) NM (chlamydia, gonorrhea, P&S 98)
- Adjustments: Cases with unknown race are redistributed; cases from partial Albuquerque Area service counties are redistributed.
- IHS data source: NETSS
- U.S. data source: STDSS

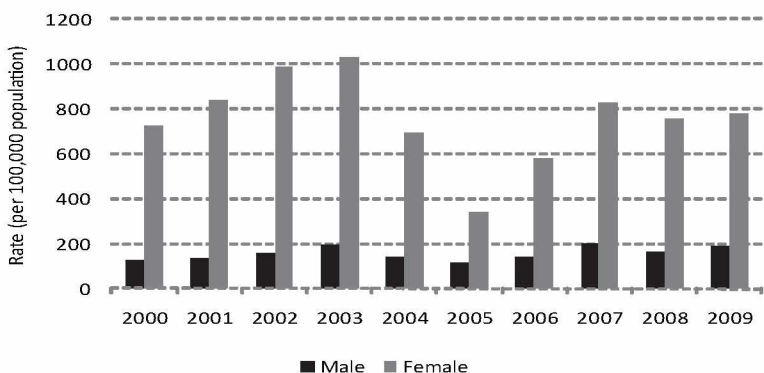
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

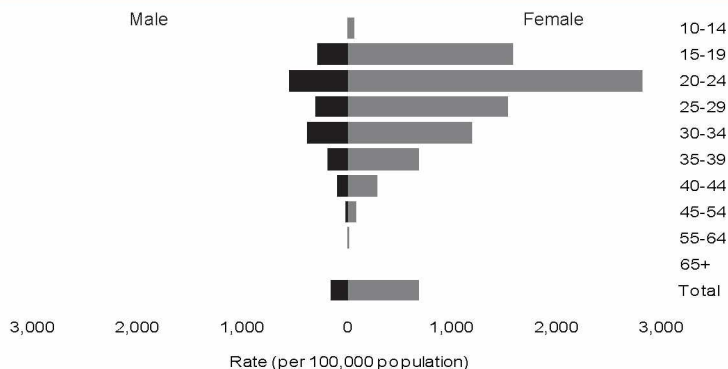
Total Chlamydia Rates



Chlamydia Rates by Sex, Albuquerque Area IHS



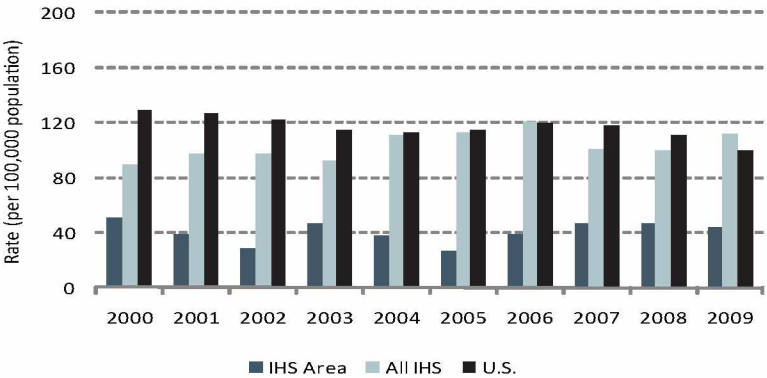
Chlamydia Rates by Sex and Age, Albuquerque Area IHS, 2009



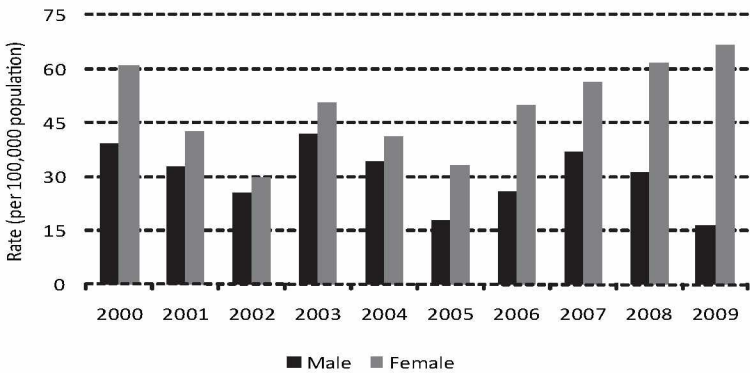
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

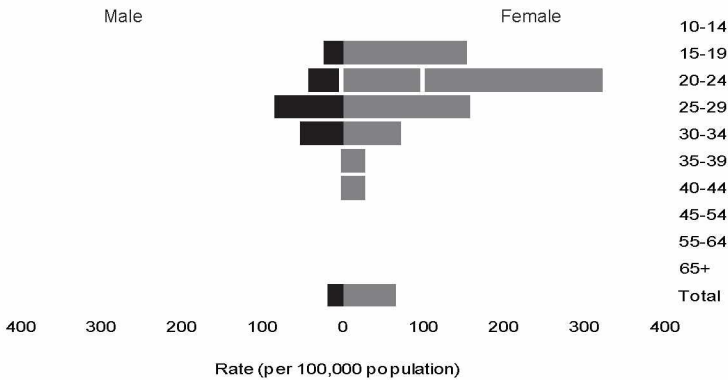
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Albuquerque Area IHS



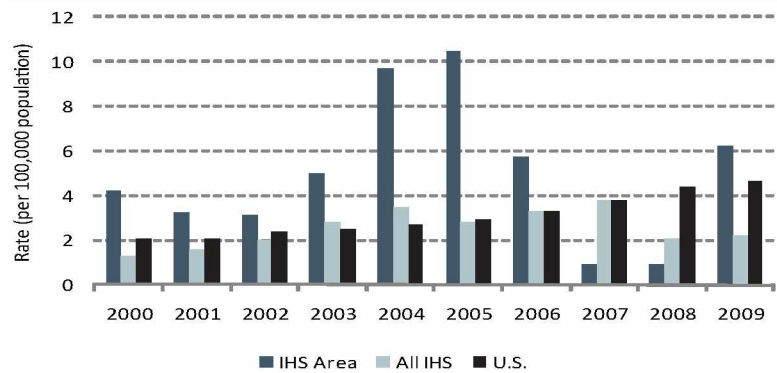
Gonorrhea Rates by Sex and Age, Albuquerque Area IHS, 2009



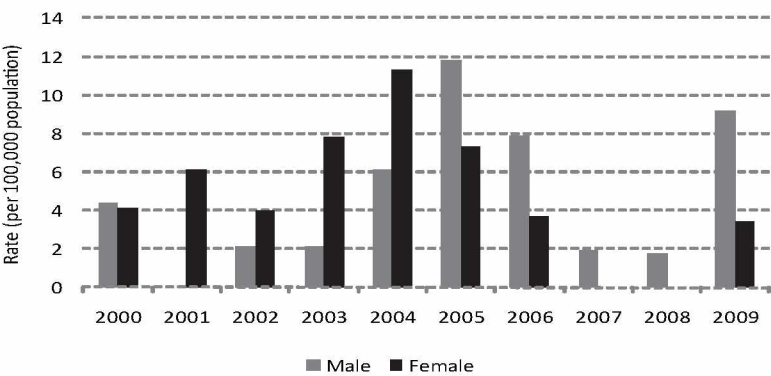
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

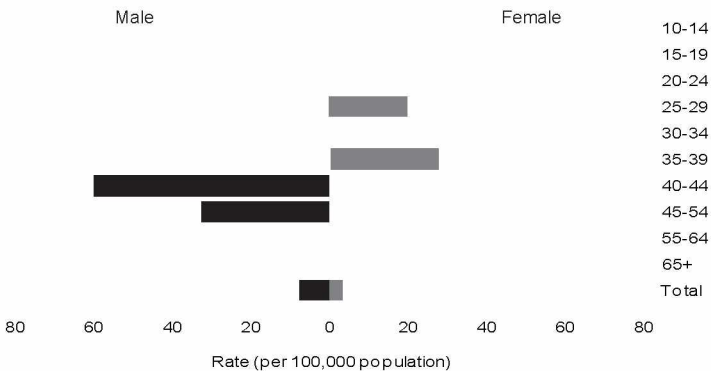
Total P&S Rates



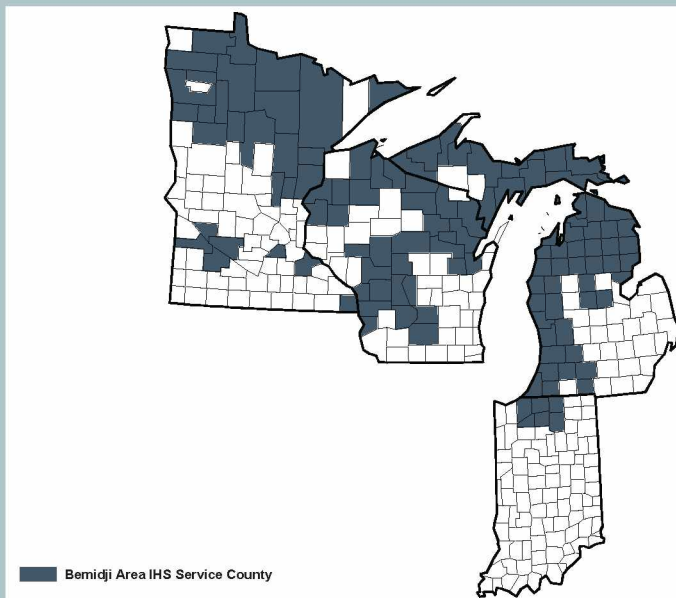
P&S Rates by Sex, Albuquerque Area IHS



P&S Rates by Sex and Age, Albuquerque Area IHS, 2009



Bemidji Area IHS



Geography:

- States: 4 (IN, MI, MN, WI)
- Counties: IN (6/92) MI (52/83) MN (27/87) WI (33/72)

Tribes: 34

IHS Service Population:

- 2009 (est.): 121,603
- Rank: 8 of 12 Areas

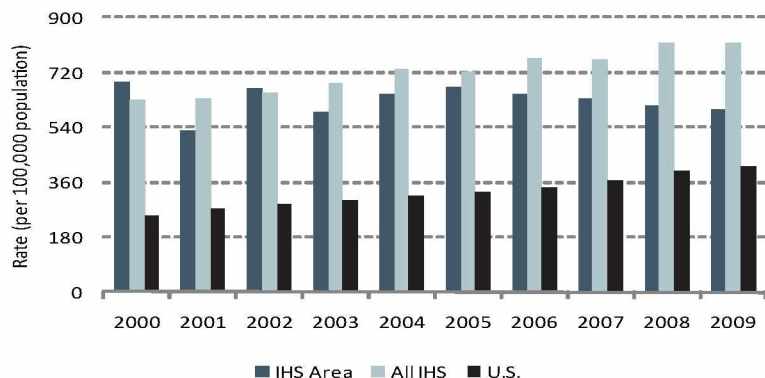
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: IN (chlamydia, gonorrhea 98) MI (chlamydia 98-00,02)
- Adjustments: Cases with unknown race are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

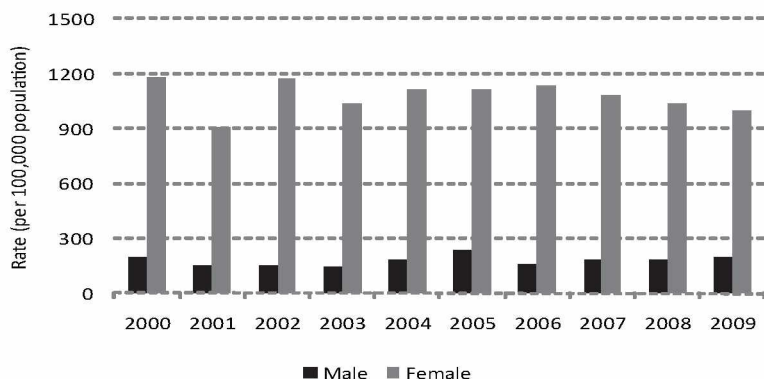
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

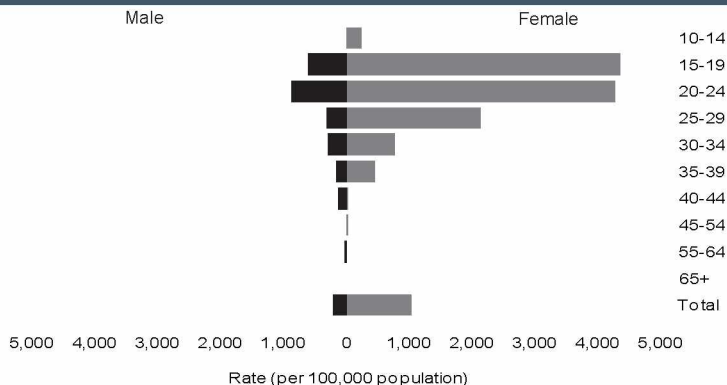
Total Chlamydia Rates



Chlamydia Rates by Sex, Bemidji Area IHS



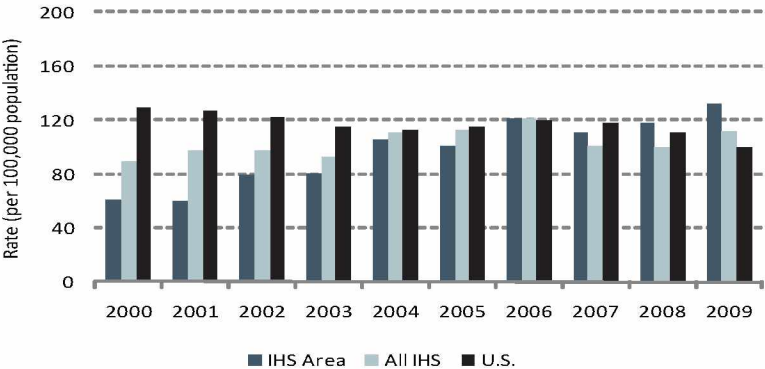
Chlamydia Rates by Sex and Age, Bemidji Area IHS, 2009



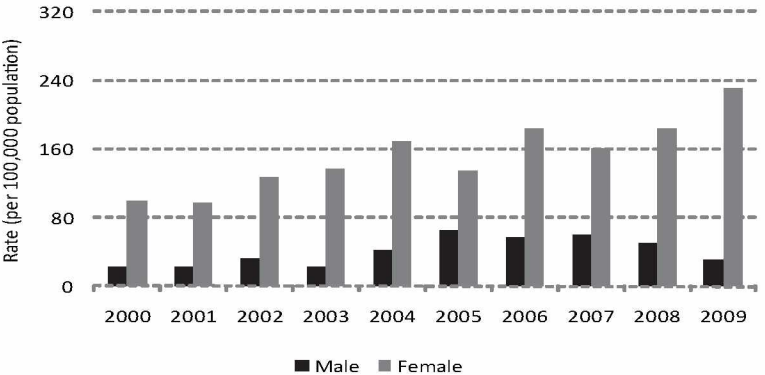
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

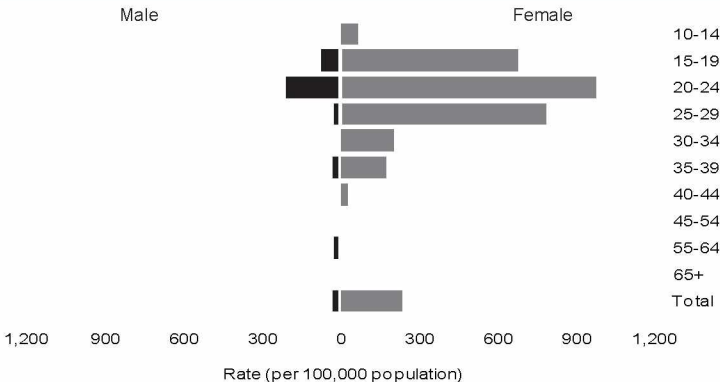
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Bemidji Area IHS



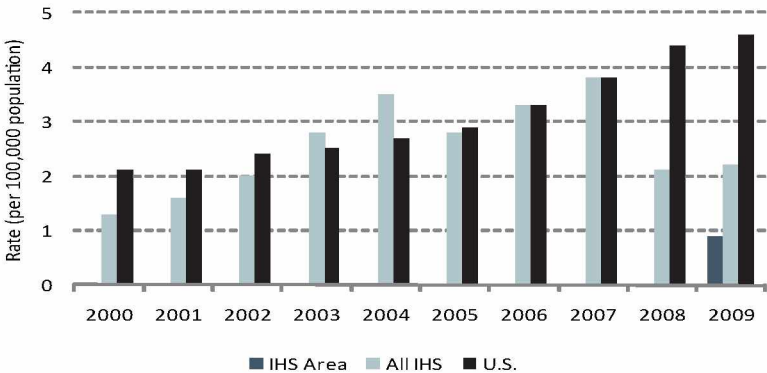
Gonorrhea Rates by Sex and Age, Bemidji Area IHS, 2009



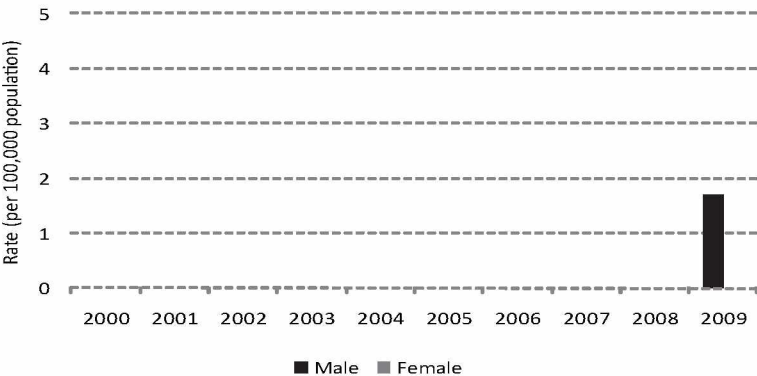
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

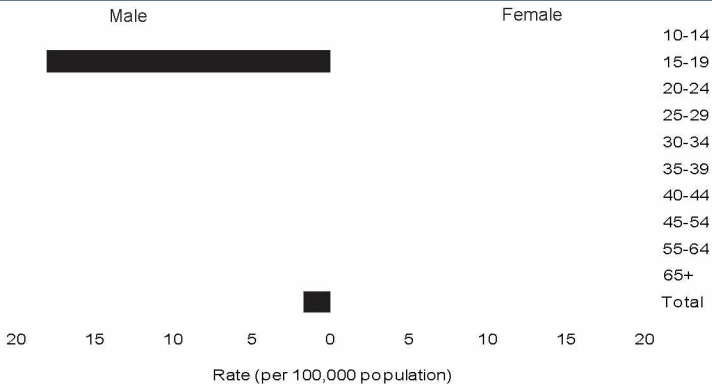
Total P&S Rates



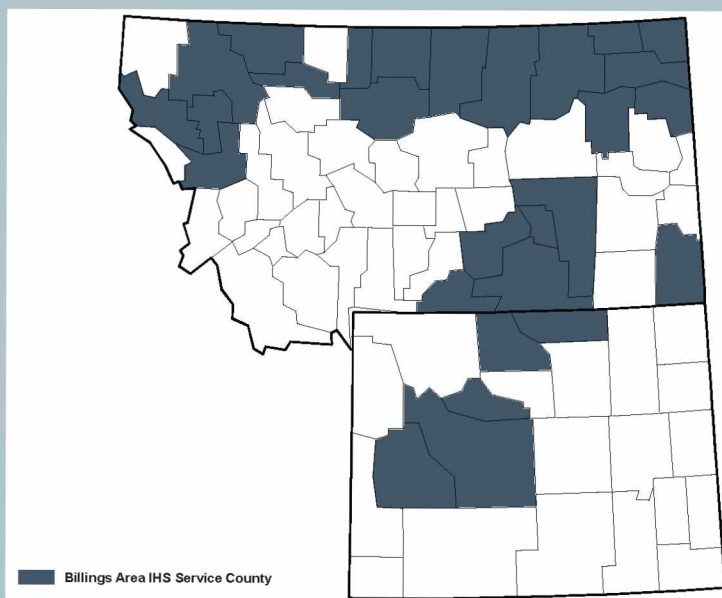
P&S Rates by Sex, Bemidji Area IHS



P&S Rates by Sex and Age, Bemidji Area IHS, 2009



Billings Area IHS



Geography:

- States: 2 (MT, WY)
- Counties: MT (23/56)
WY (5/23)

Tribes: 8

IHS Service Population:

- 2009 (est.): 68,630
- Rank: 11 of 12 Areas

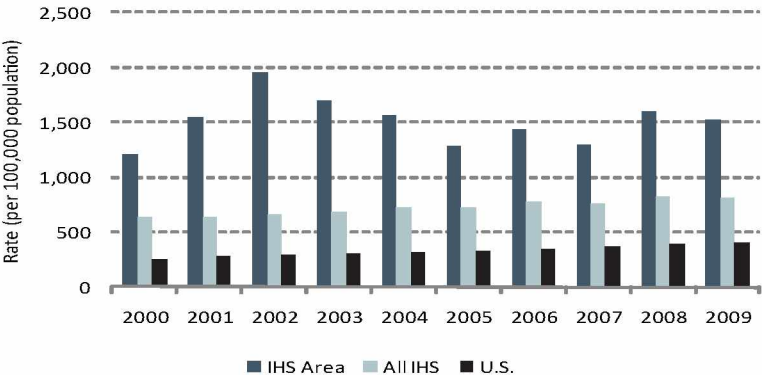
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: MT (chlamydia, gonorrhea 98-99, P&S 99)
- Adjustments: Cases with unknown race are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

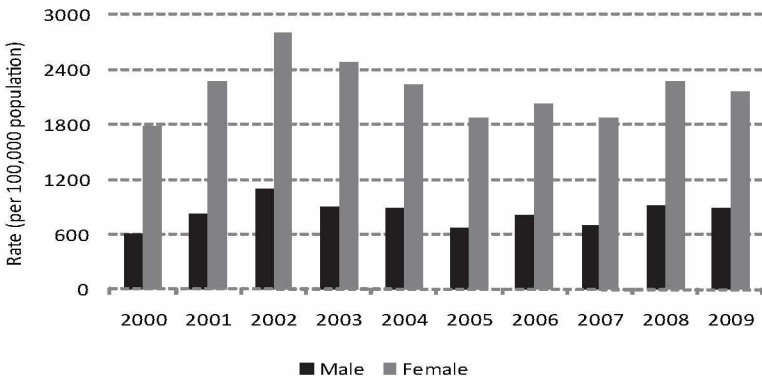
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

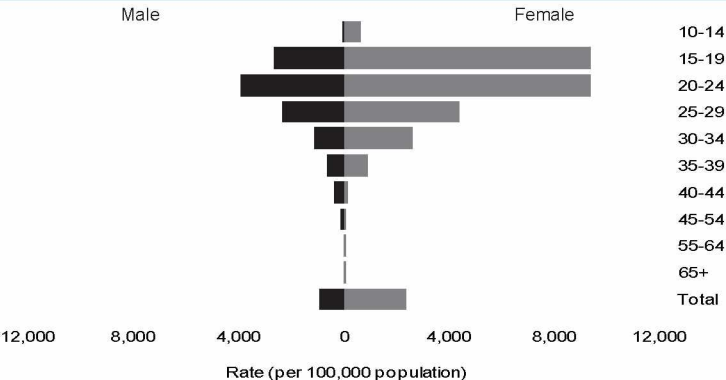
Total Chlamydia Rates



Chlamydia Rates by Sex, Billings Area IHS



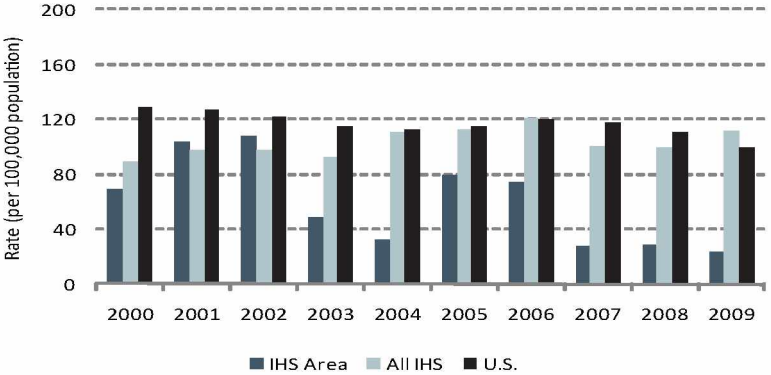
Chlamydia Rates by Sex and Age, Billings Area IHS, 2009



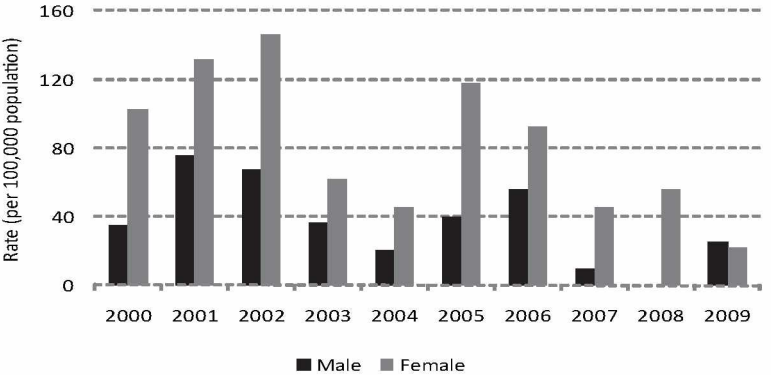
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

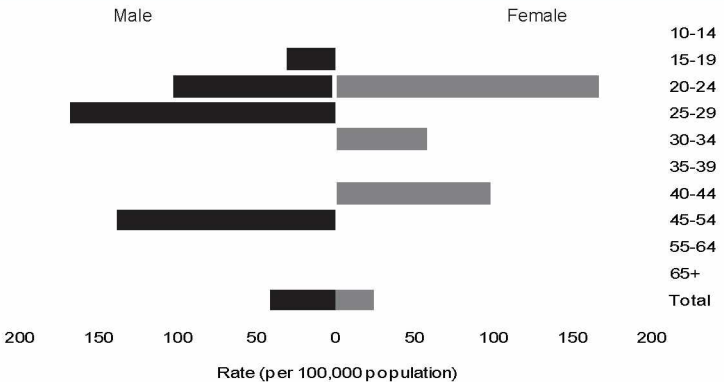
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Billings Area IHS

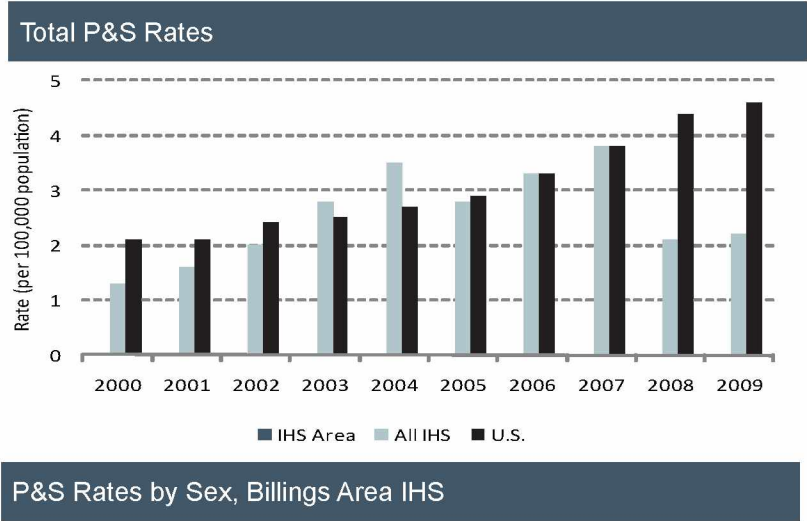


Gonorrhea Rates by Sex and Age, Billings Area IHS, 2009



Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

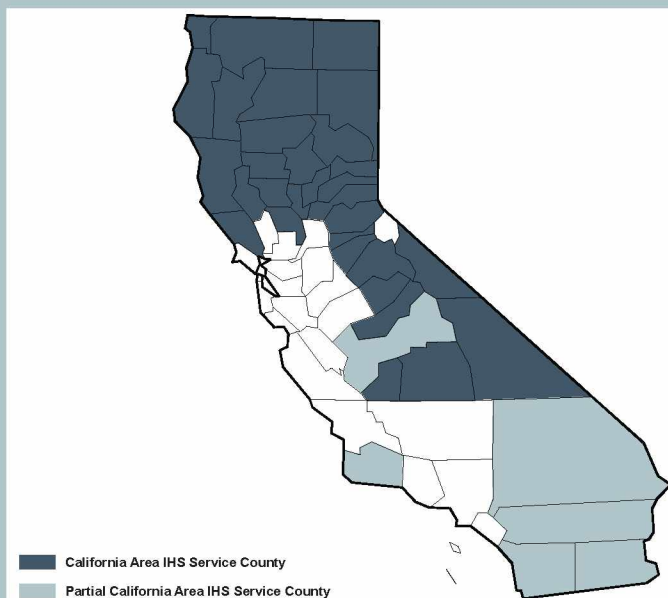


No P&S cases reported in 2009



No P&S cases reported in 2009

California Area IHS



Geography:

- States: 1 (CA)
- Counties: CA (37/58)

Tribes: 107

IHS Service Population:

- 2009 (est.): 182,825
- Rank: 5 of 12 Areas

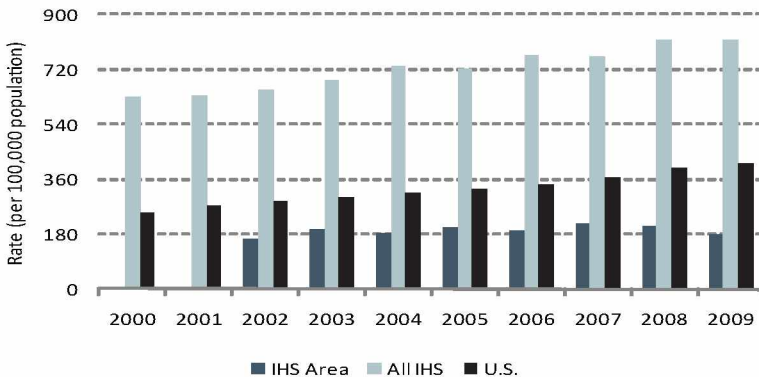
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: CA (chlamydia, gonorrhea 98-01)
- Adjustments: Cases with unknown race are redistributed; cases from partial California Area service counties are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

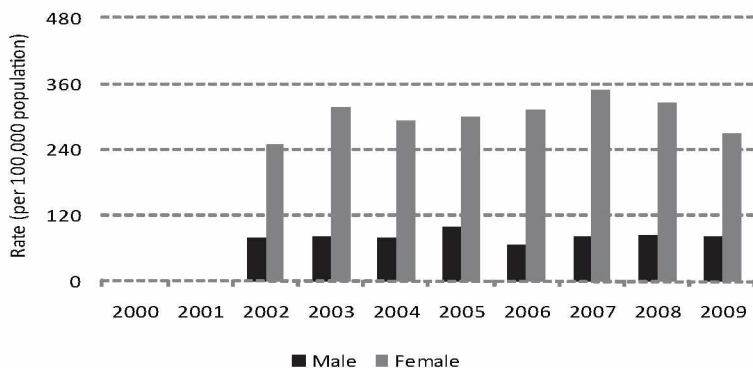
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

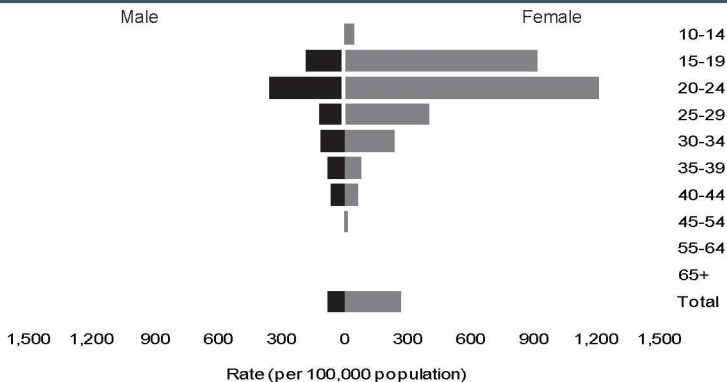
Total Chlamydia Rates



Chlamydia Rates by Sex, California Area IHS



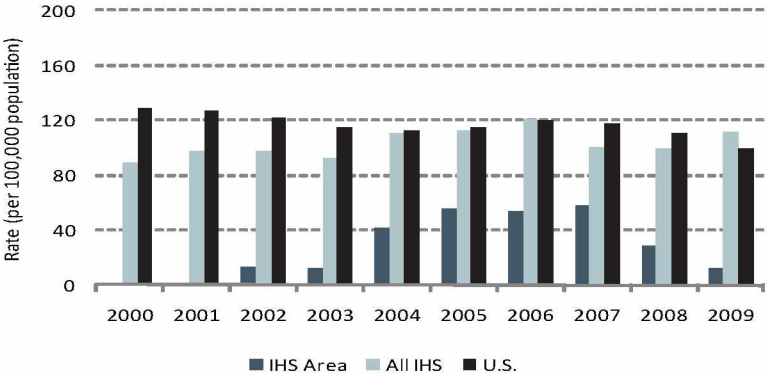
Chlamydia Rates by Sex and Age, California Area IHS, 2009



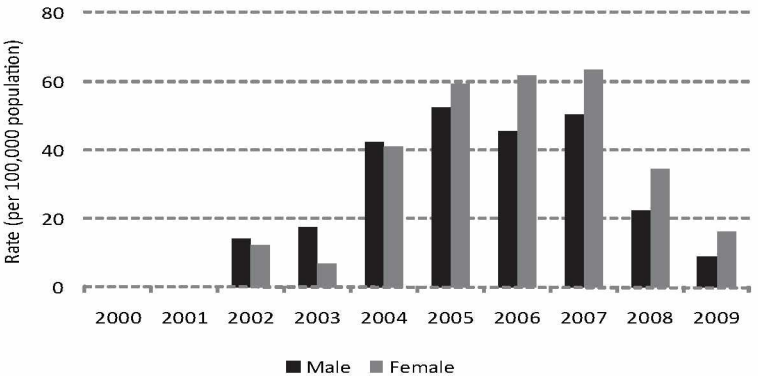
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

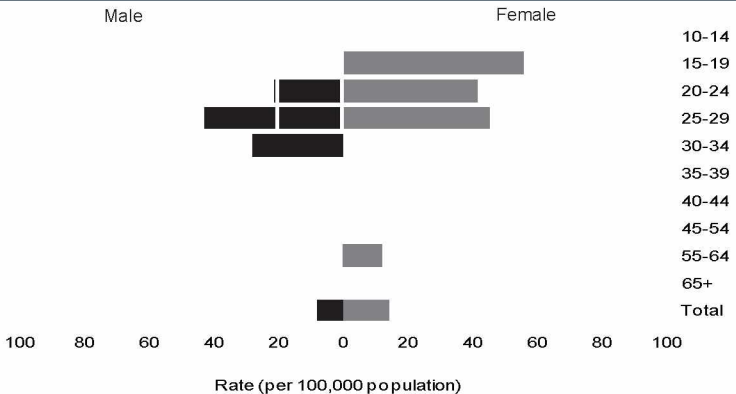
Total Gonorrhea Rates



Gonorrhea Rates by Sex, California Area IHS



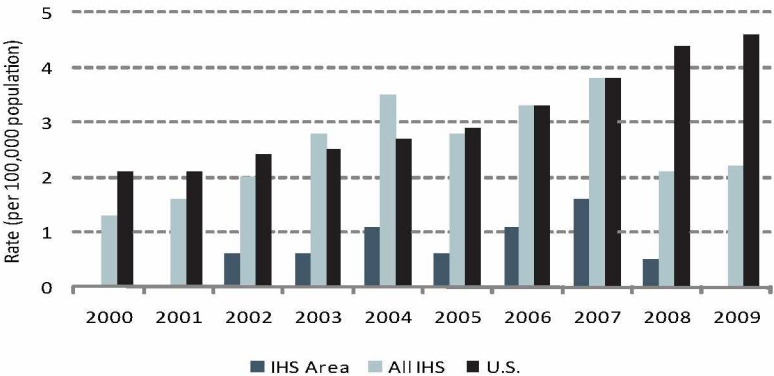
Gonorrhea Rates by Sex and Age, California Area IHS, 2009



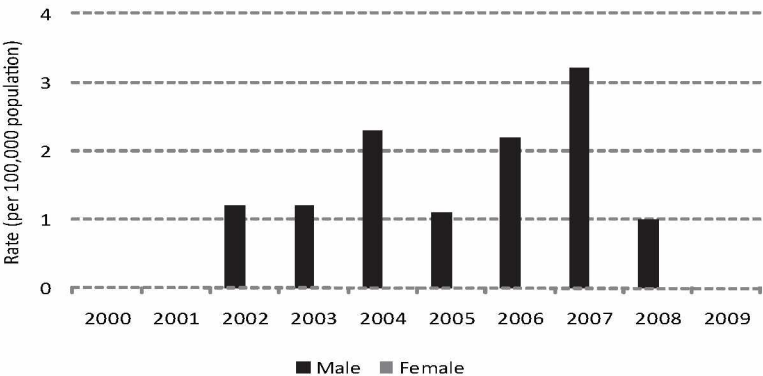
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

Total P&S Rates



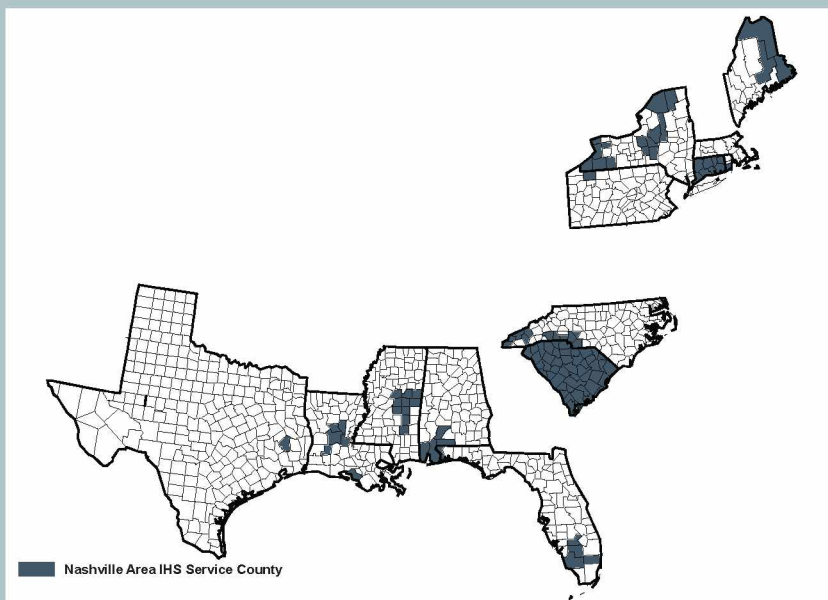
P&S Rates by Sex, California Area IHS



P&S Rates by Sex and Age, California Area IHS, 2009

No P&S cases reported in 2009

Nashville Area IHS



Geography:

- States: 13 (AL, CT, FL, LA, ME, MA, MS, NY, NC, PA, RI, SC, TX)
- Counties: AL (4/67) CT (8/8) FL (6/67) LA (6/64) ME (3/16) MA (1/14) MS (10/82) NY (14/62) NC (11/100) PA (1/67) RI (1/5) SC (46/46) TX (1/254)

Tribes: 24

IHS Service Population:

- 2009 (est.): 128,489
- Rank: 6 of 12 Areas

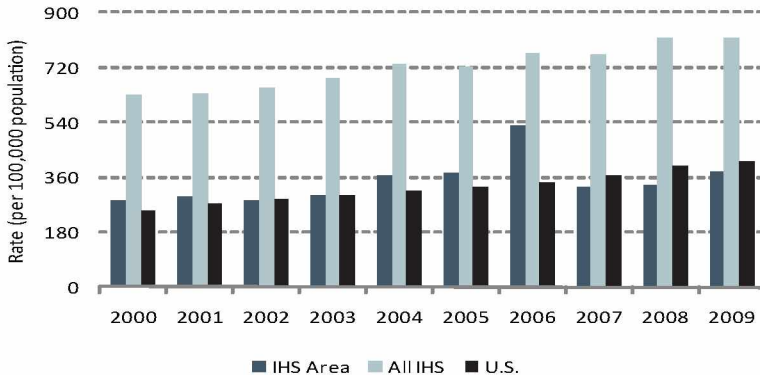
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: LA (chlamydia, gonorrhea, P&S 98-99)
- SC&MA (chlamydia, gonorrhea 98-99) NC (chlamydia, gonorrhea 98-99) NY (chlamydia 98-99, gonorrhea 98)
- Adjustments: Cases with unknown race are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

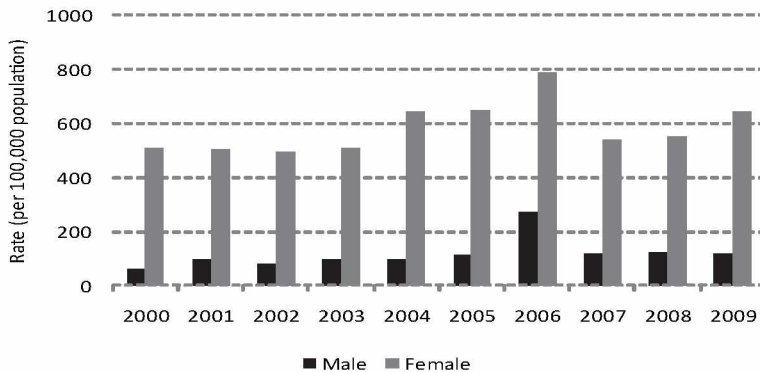
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

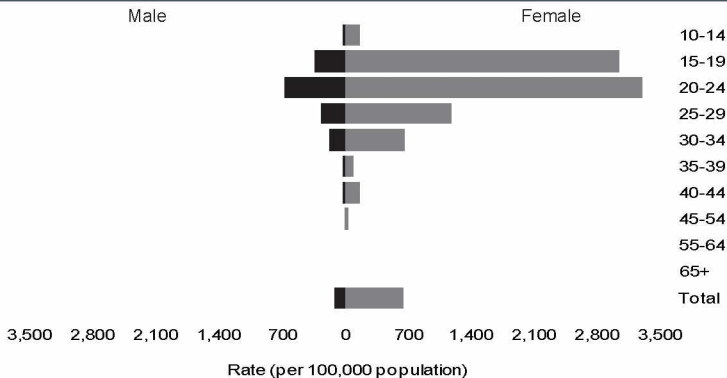
Total Chlamydia Rates



Chlamydia Rates by Sex, Nashville Area IHS



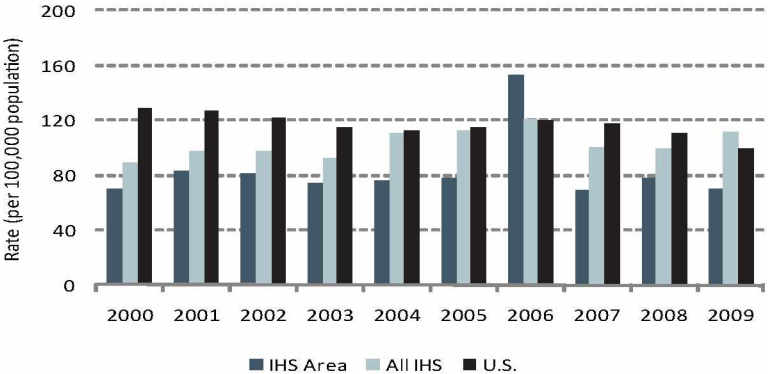
Chlamydia Rates by Sex and Age, Nashville Area IHS, 2009



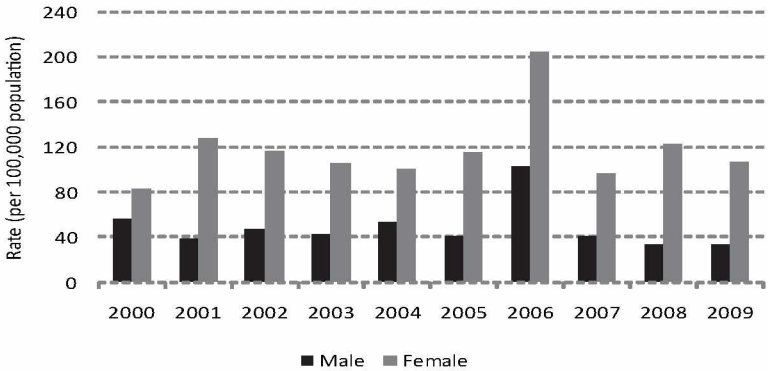
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

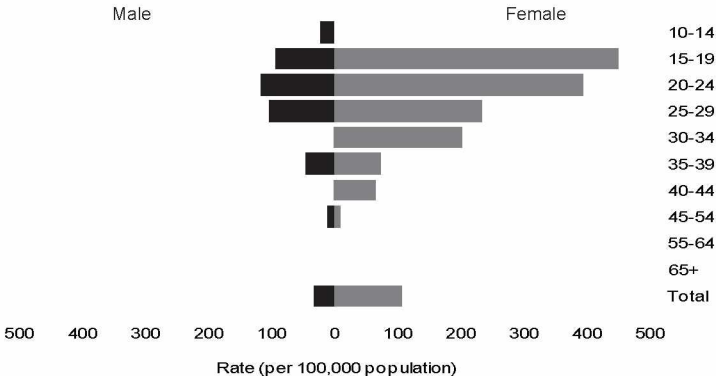
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Nashville Area IHS



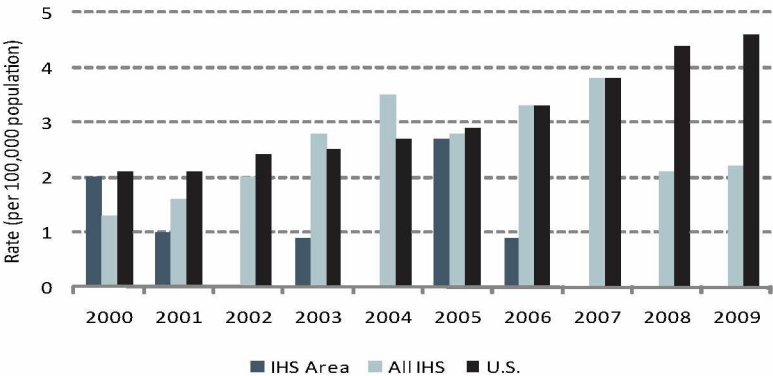
Gonorrhea Rates by Sex and Age, Nashville Area IHS, 2009



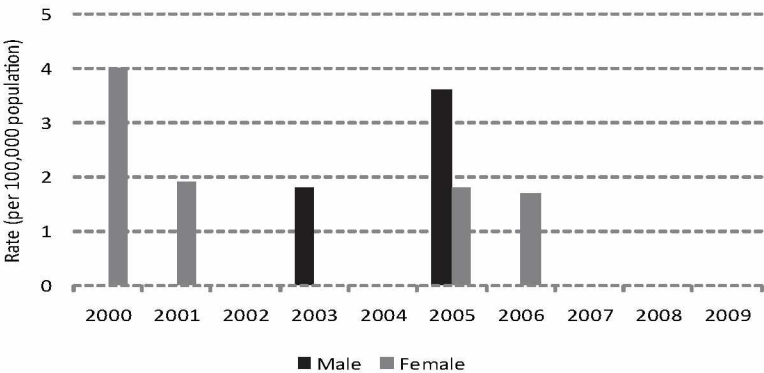
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

Total P&S Rates



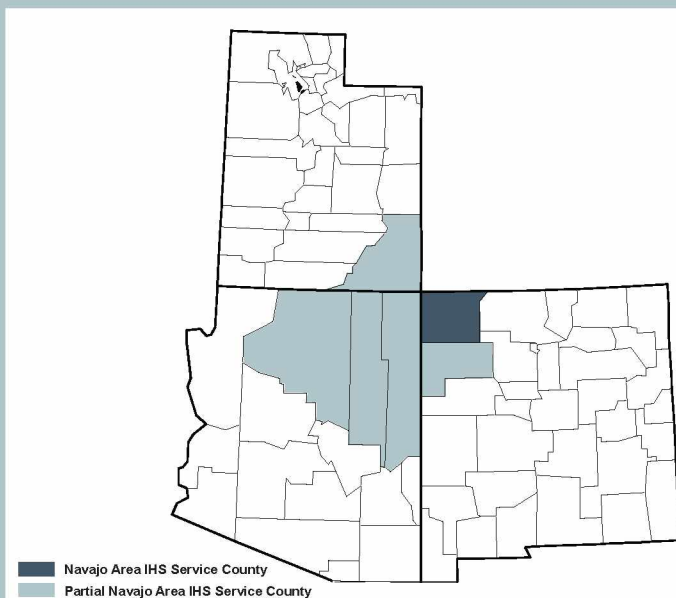
P&S Rates by Sex, Nashville Area IHS



P&S Rates by Sex and Age, Nashville Area IHS, 2009

No P&S cases reported in 2009

Navajo Area IHS



Geography:

- States: 3 (AZ, NM, UT)
- Counties: AZ (3/15) NM (5/33) UT (2/29)

Tribes: 2

IHS Service Population:

- 2009 (est.): 245,831
- Rank: 2 of 12 Areas

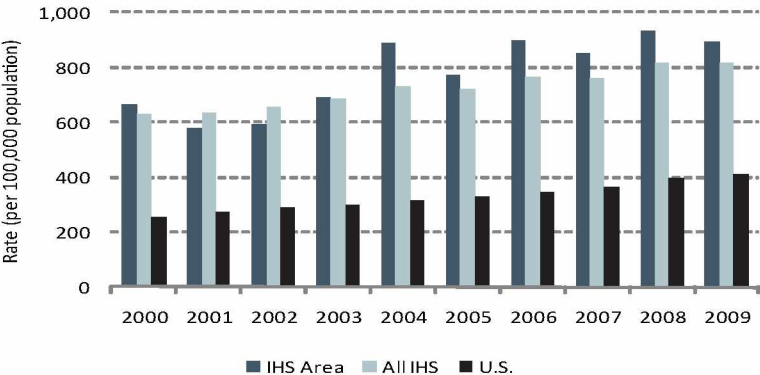
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: NM (chlamydia, gonorrhea, P&S 98)
- Adjustments: Cases with unknown race are redistributed; cases from partial Navajo Area service counties are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

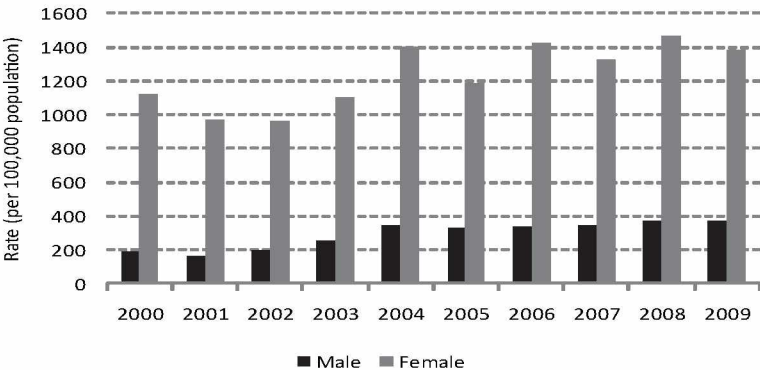
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

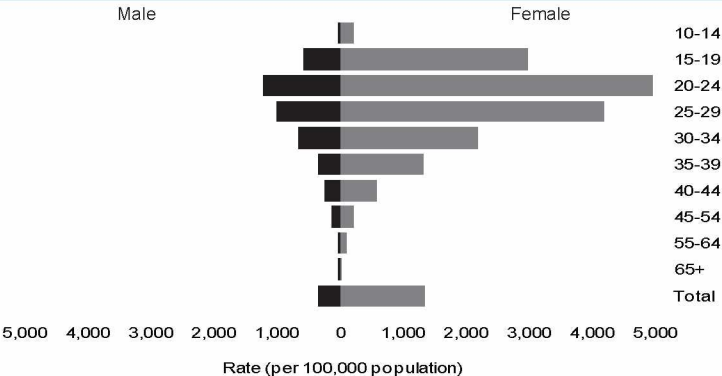
Total Chlamydia Rates



Chlamydia Rates by Sex, Navajo Area IHS



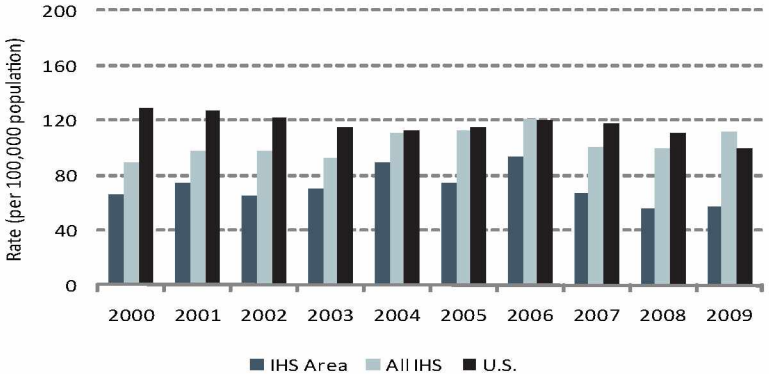
Chlamydia Rates by Sex and Age, Navajo Area IHS, 2009



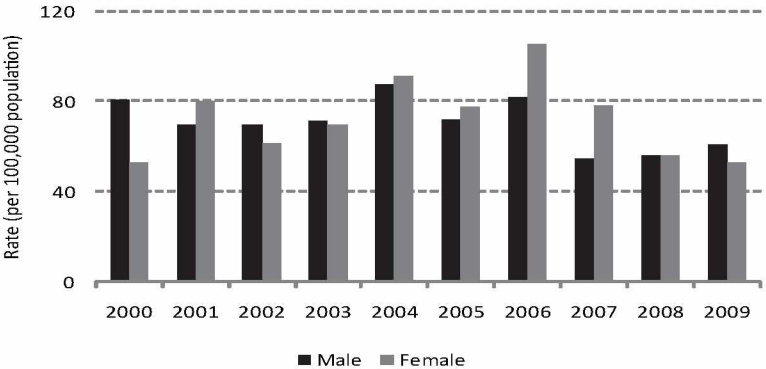
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

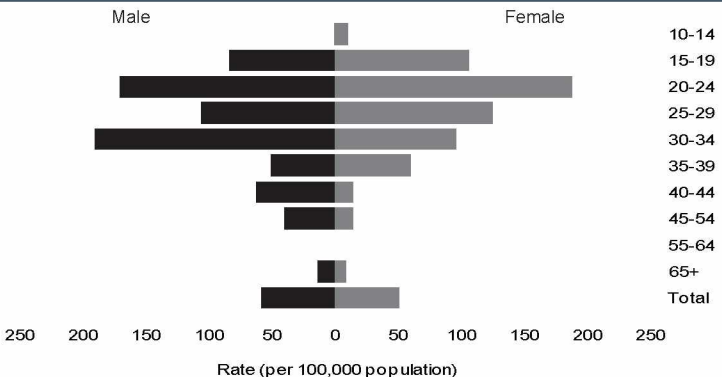
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Navajo Area IHS



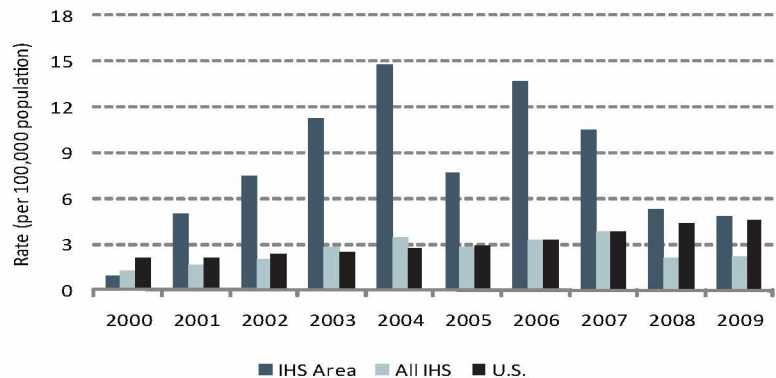
Gonorrhea Rates by Sex and Age, Navajo Area IHS, 2009



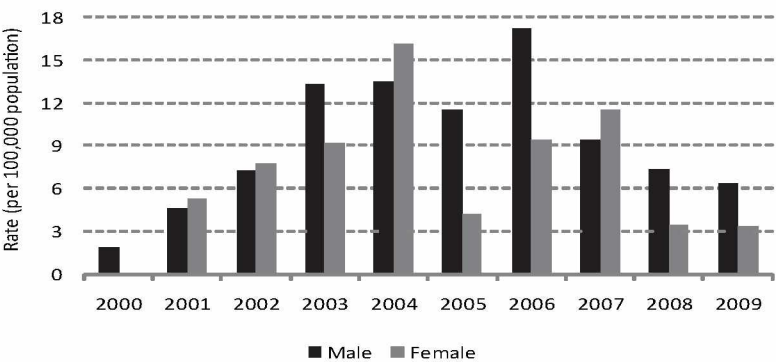
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

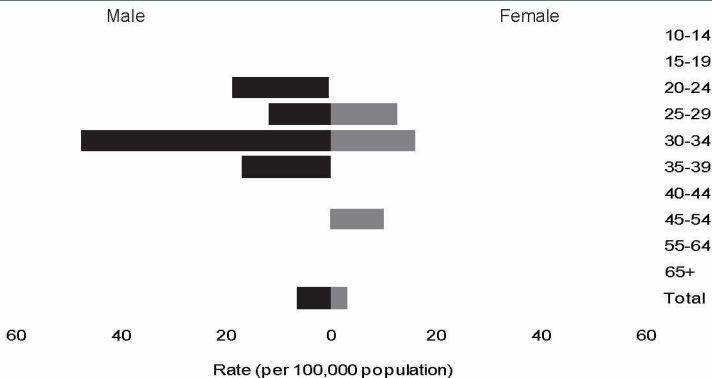
Total P&S Rates



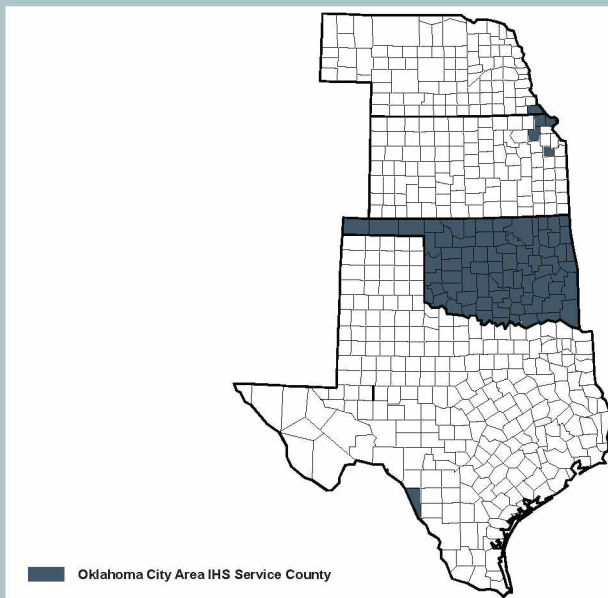
P&S Rates by Sex, Navajo Area IHS



P&S Rates by Sex and Age, Navajo Area IHS, 2009



Oklahoma Area IHS



Geography:

- States: 4 (KS, NE, OK, TX)
- Counties: KS (4/105) NE (1/93) OK (77/77) TX (1/254)

Tribes: 37

IHS Service Population:

- 2009 (est.): 366,686
- Rank: 1 of 12 Areas

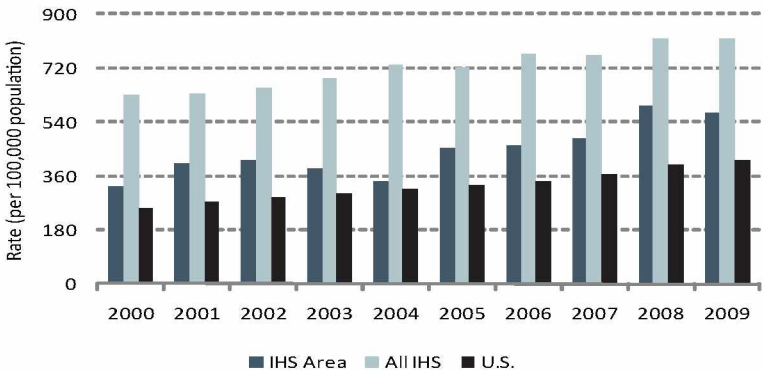
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: None
- Adjustments: Cases with unknown race are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

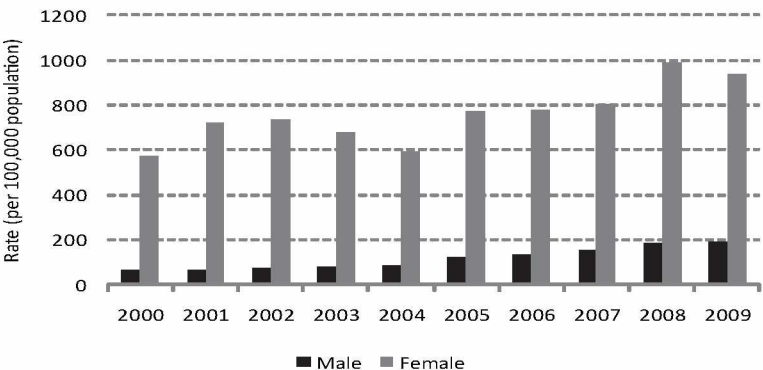
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

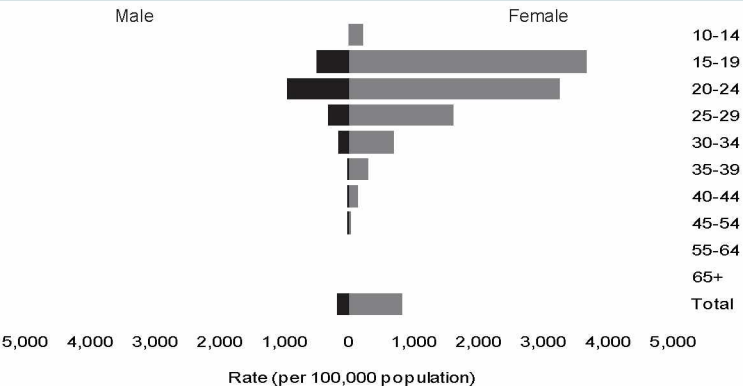
Total Chlamydia Rates



Chlamydia Rates by Sex, Oklahoma City Area IHS



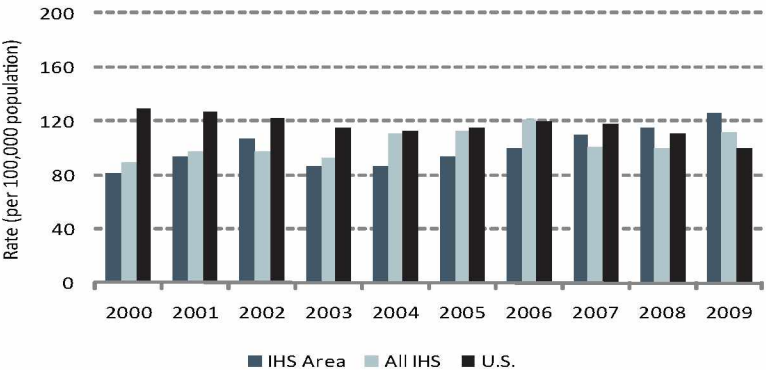
Chlamydia Rates by Sex and Age, Oklahoma City Area IHS, 2009



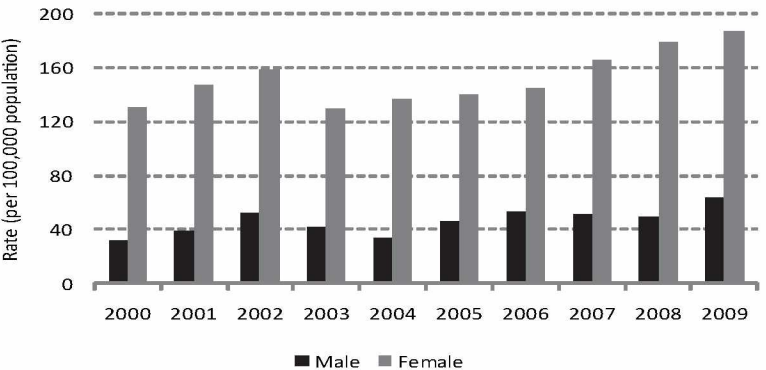
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

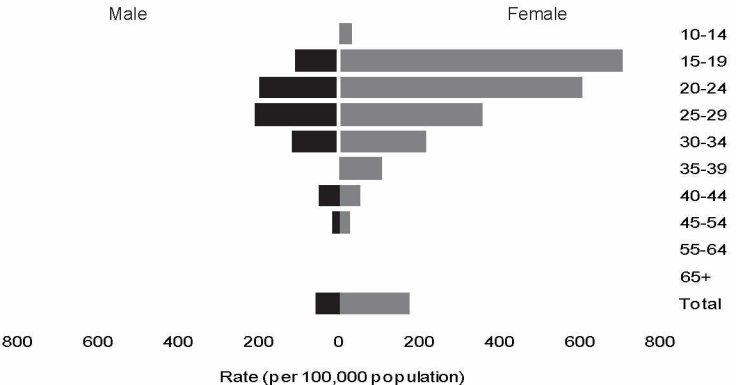
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Oklahoma City Area IHS



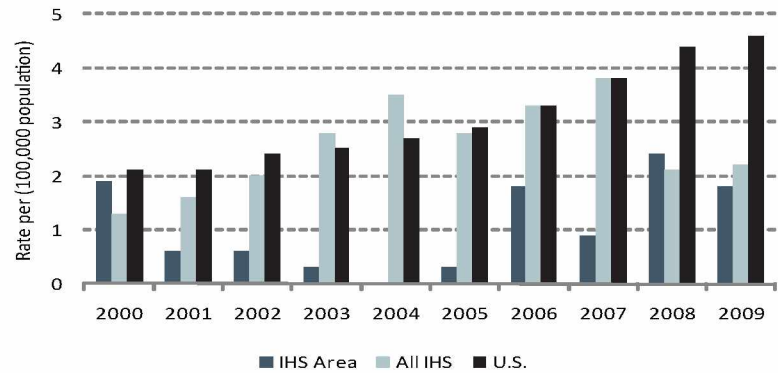
Gonorrhea Rates by Sex and Age, Oklahoma City Area IHS, 2009



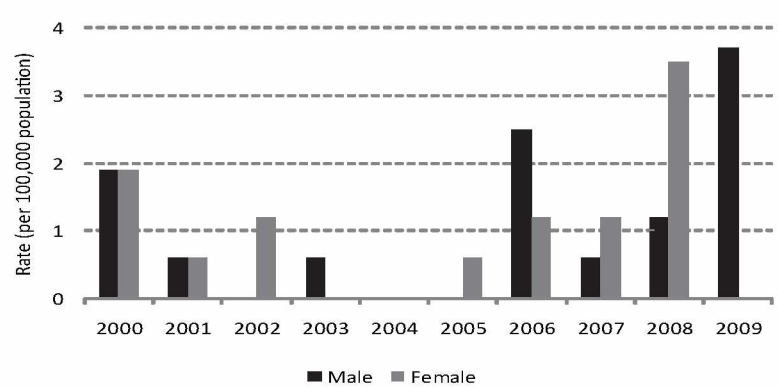
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

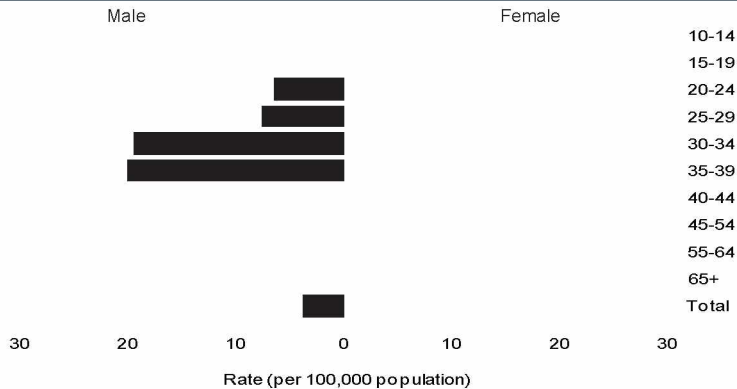
Total P&S Rates



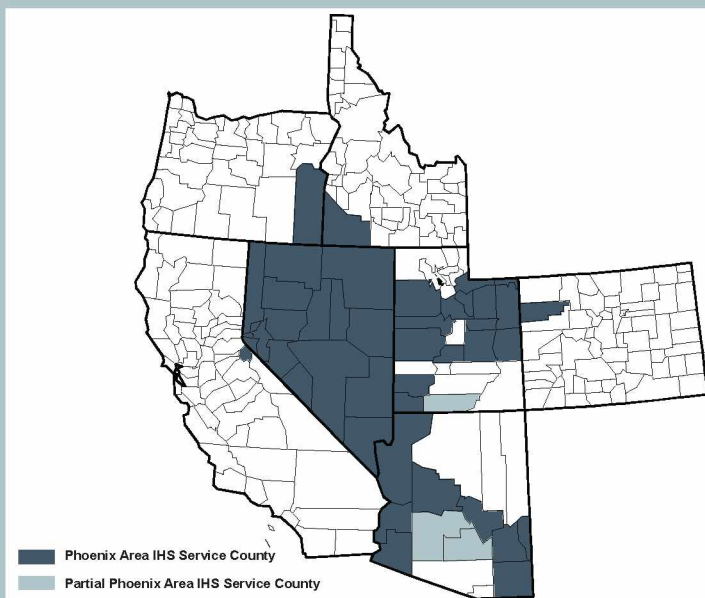
P&S Rates by Sex, Oklahoma City Area IHS



P&S Rates by Sex and Age, Oklahoma City Area IHS, 2009



Phoenix Area IHS



Geography:

- States: 7 (AZ, CA, CO, ID, NV, OR, UT)
- Counties: AZ (13/15) CA (4/58) CO (1/64) ID (1/44) NV (17/17) OR (1/36) UT (16/29)

Tribes: 41

IHS Service Population:

- 2009 (est.): 203,832
- Rank: 3 of 12 Areas

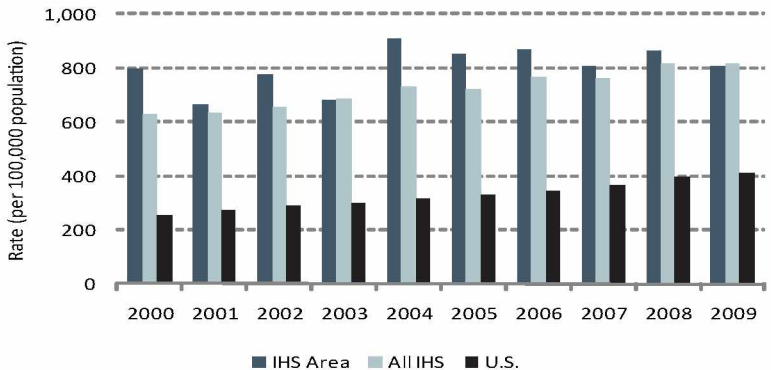
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: CA (chlamydia, gonorrhea 98-01) CO (chlamydia 98-01, 03-07) ID (gonorrhea 98, P&S 07)
- Adjustments: Cases with unknown race are redistributed; cases from partial Phoenix Area service counties are redistributed)
- IHS data source: NETSS
- U.S. data source: STDSS

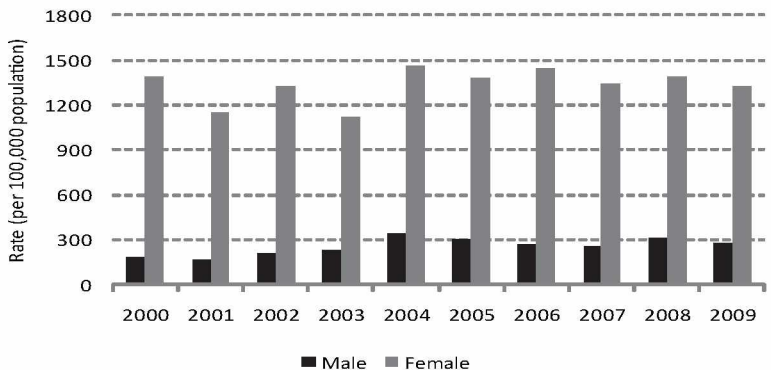
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

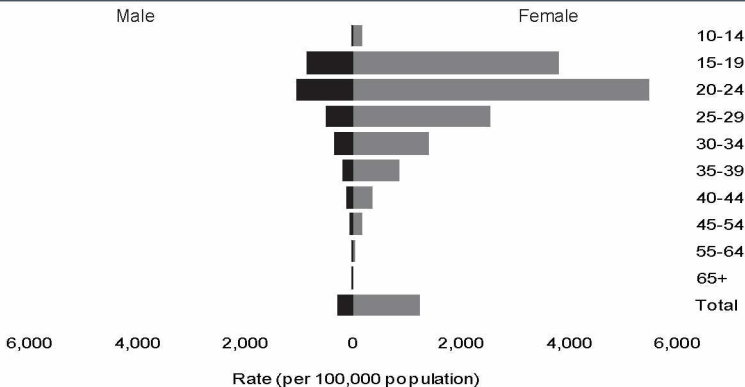
Total Chlamydia Rates



Chlamydia Rates by Sex, Phoenix Area IHS



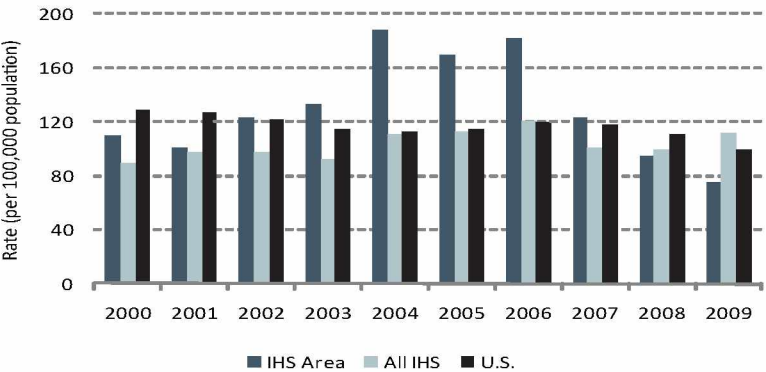
Chlamydia Rates by Sex and Age, Phoenix Area IHS, 2009



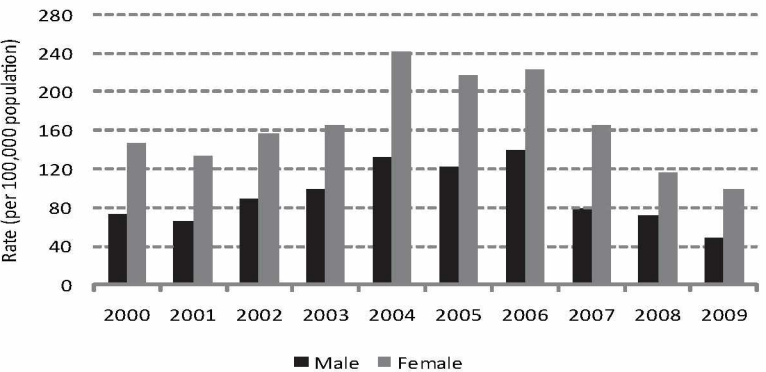
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

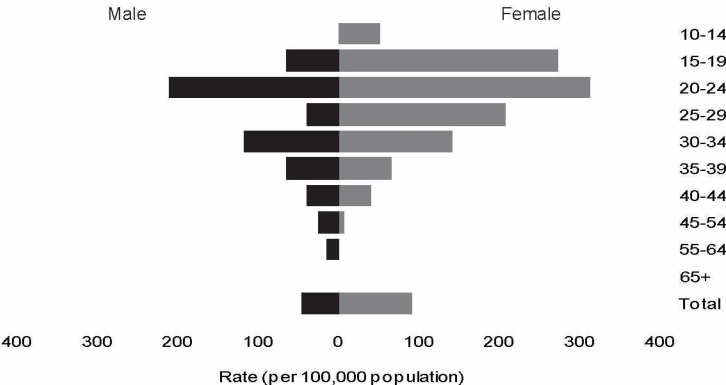
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Phoenix Area IHS



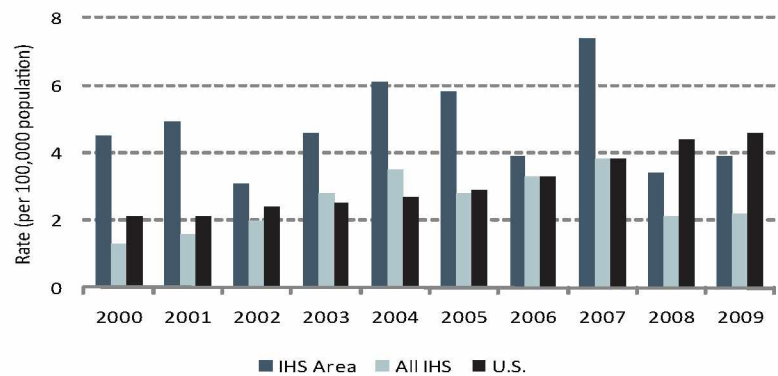
Gonorrhea Rates by Sex and Age, Phoenix Area IHS, 2009



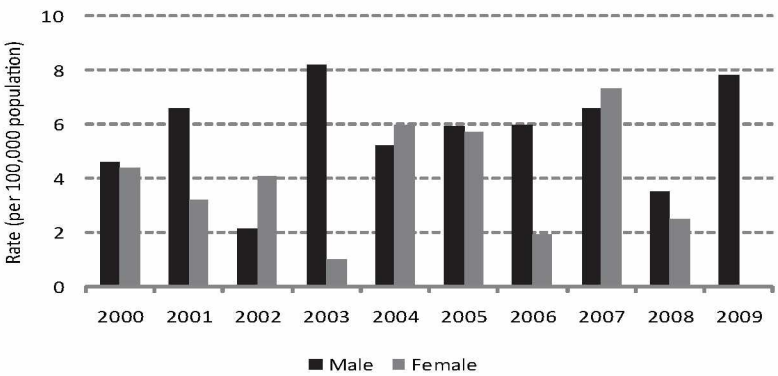
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

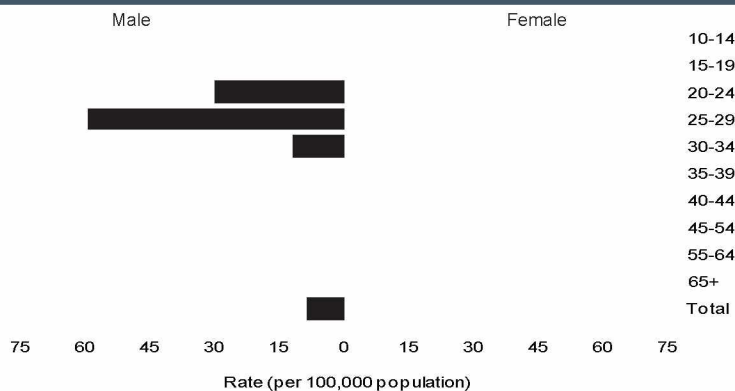
Total P&S Rates



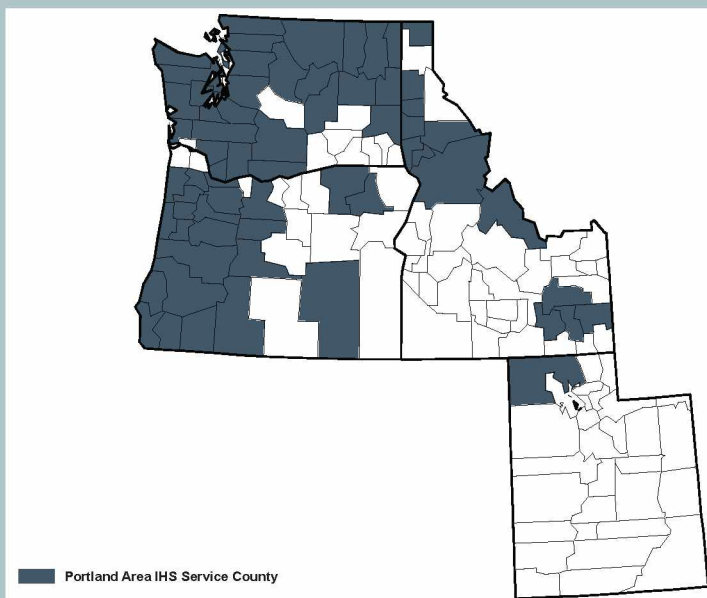
P&S Rates by Sex, Phoenix Area IHS



P&S Rates by Sex and Age, Phoenix Area IHS, 2009



Portland Area IHS



Geography:

- States: 4 (ID, OR, UT, WA)
- Counties: ID (13/44) OR (23/36) UT (1/29) WA (30/39)

Tribes: 43

IHS Service Population:

- 2009 (est.): 201,610
- Rank: 4 of 12 Areas

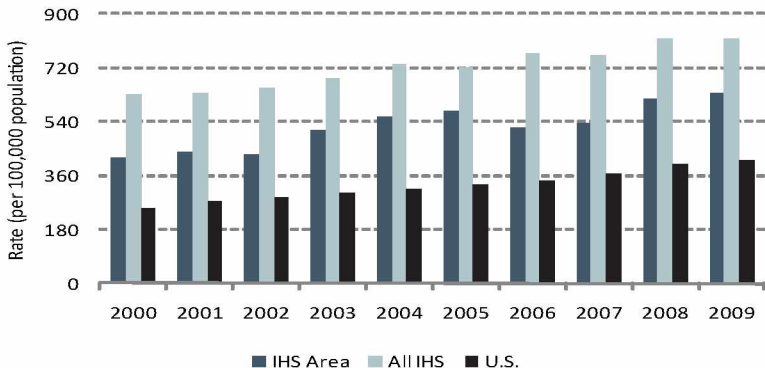
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: ID (gonorrhea 98, P&S 07)
- Adjustments: Cases with unknown race are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

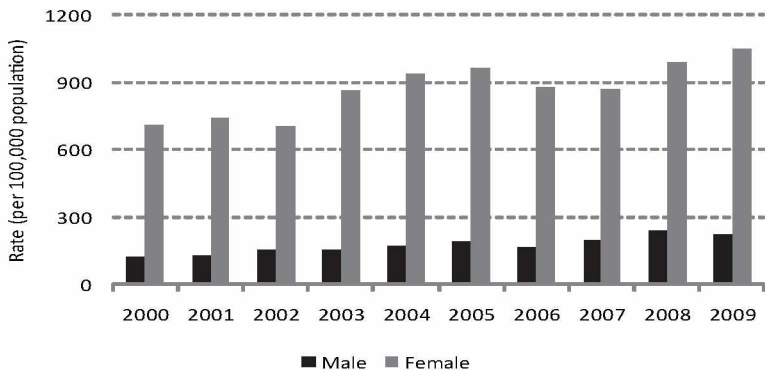
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

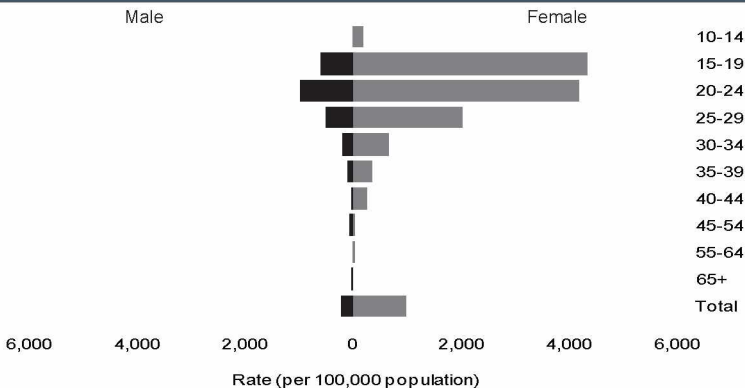
Total Chlamydia Rates



Chlamydia Rates by Sex, Portland Area IHS



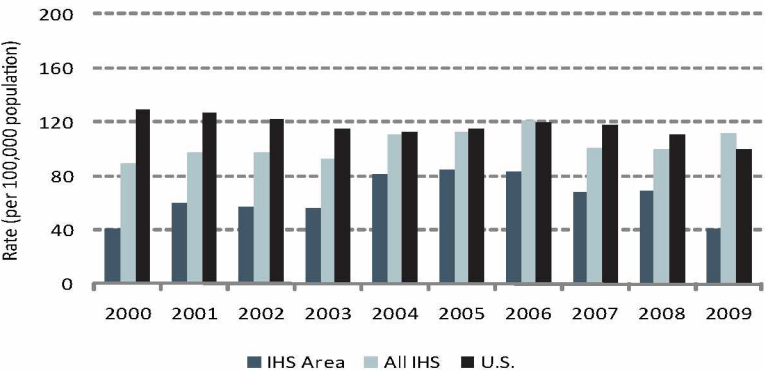
Chlamydia Rates by Sex and Age, Portland Area IHS, 2009



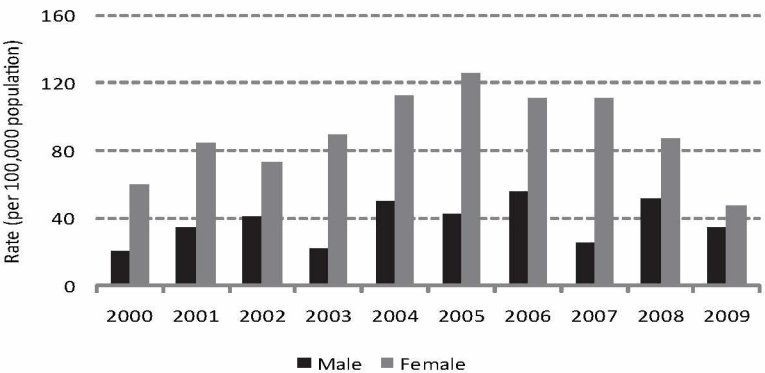
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

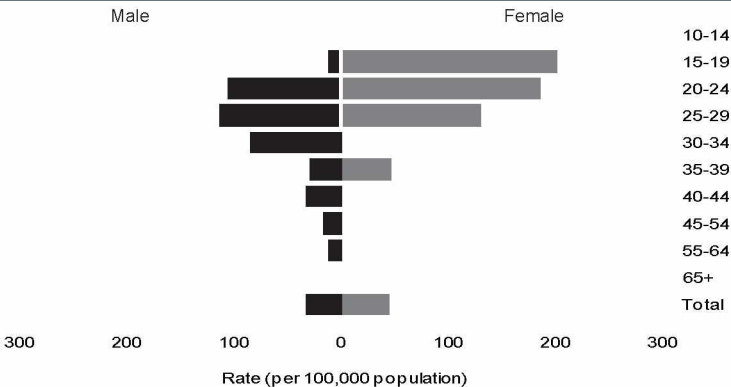
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Portland Area IHS



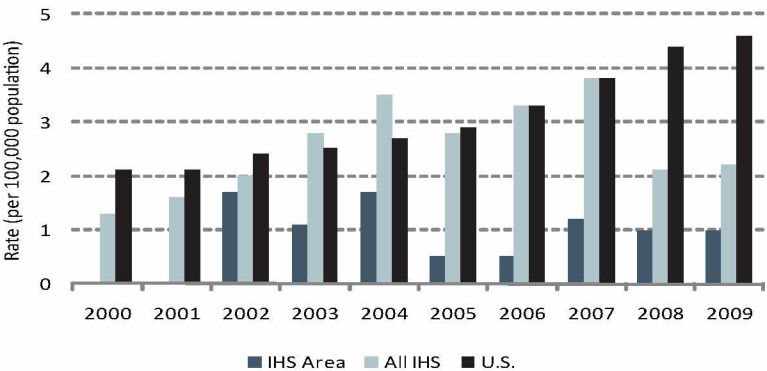
Gonorrhea Rates by Sex and Age, Portland Area IHS, 2009



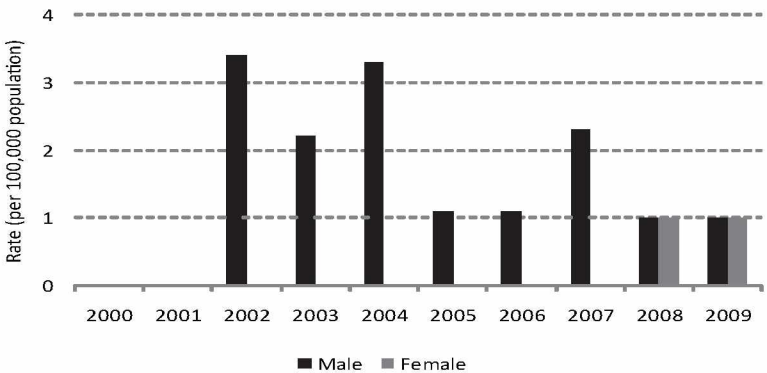
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

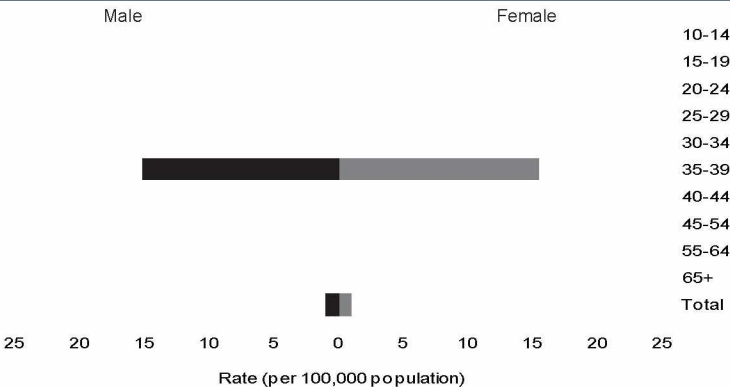
Total P&S Rates



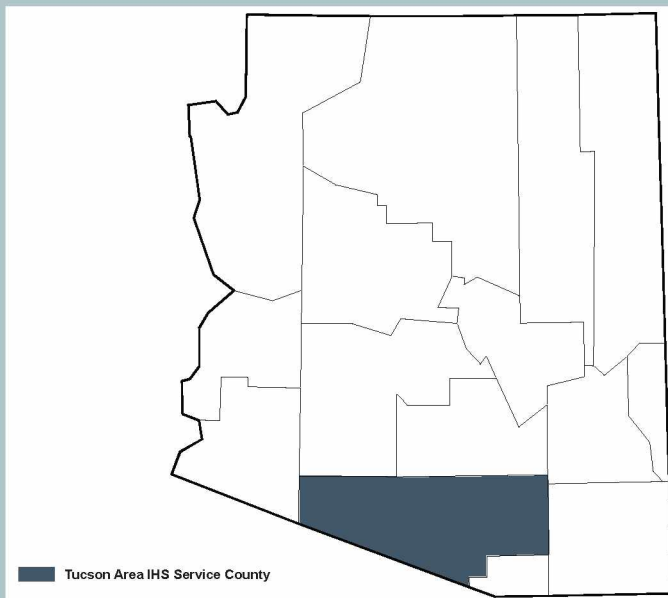
P&S Rates by Sex, Portland Area IHS



P&S Rates by Sex and Age, Portland Area IHS, 2009



Tucson Area IHS



Geography:

- States: 1 (AZ)
- Counties: AZ (3/15)

Tribes: 2

IHS Service Population:

- 2009 (est.): 36,525
- Rank: 12 of 12 Areas

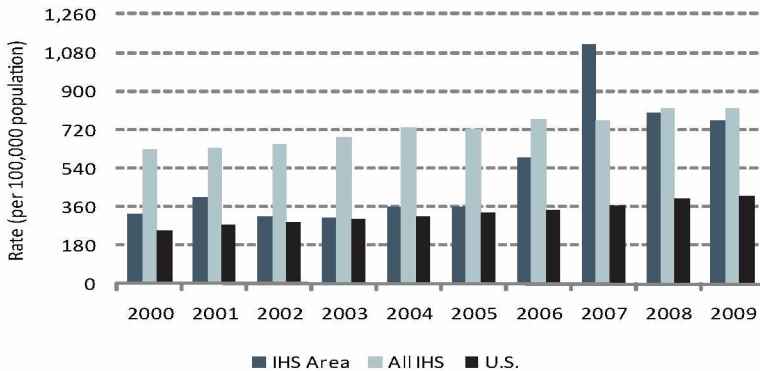
Notes for the STD graphs:

- IHS rates based on AI/AN living in service counties
- U.S. rates based on all races and ethnicities
- Exclusions: None
- Adjustments: Cases with unknown race are redistributed; cases from partial Tucson Area service counties are redistributed
- IHS data source: NETSS
- U.S. data source: STDSS

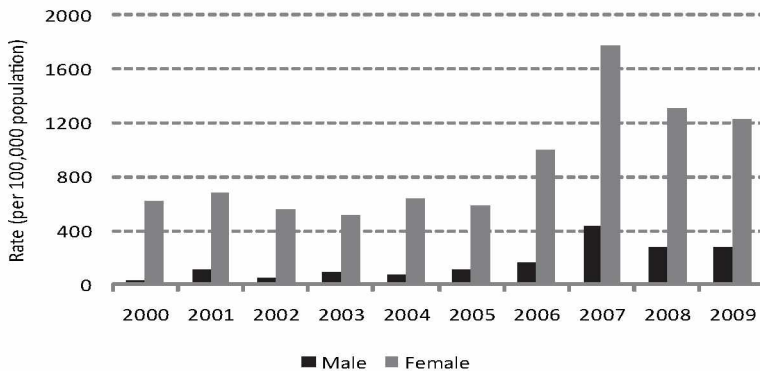
Chlamydia

Reference: Tables 8A, 8B, 9A, 9B

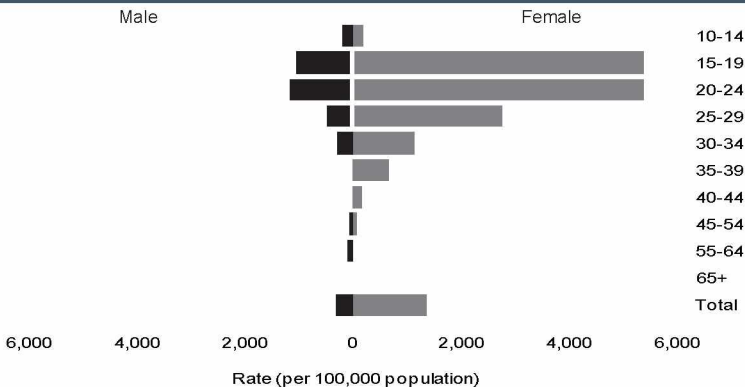
Total Chlamydia Rates



Chlamydia Rates by Sex, Tucson Area IHS



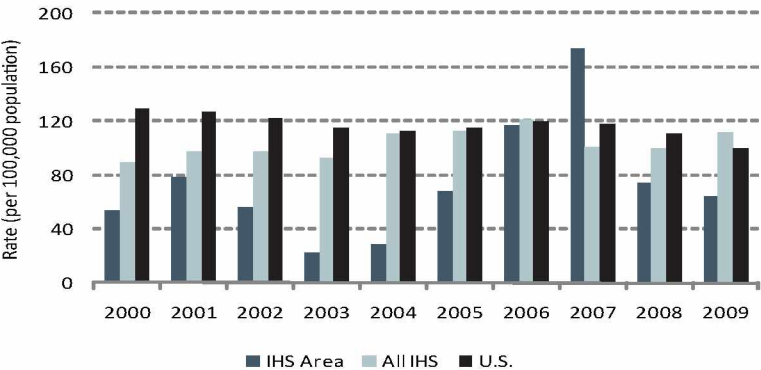
Chlamydia Rates by Sex and Age, Tucson Area IHS, 2009



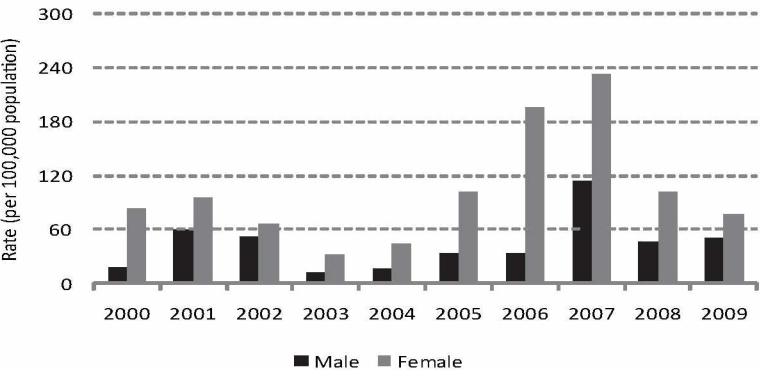
Gonorrhea

Reference: Tables 10A, 10B, 11A, 11B

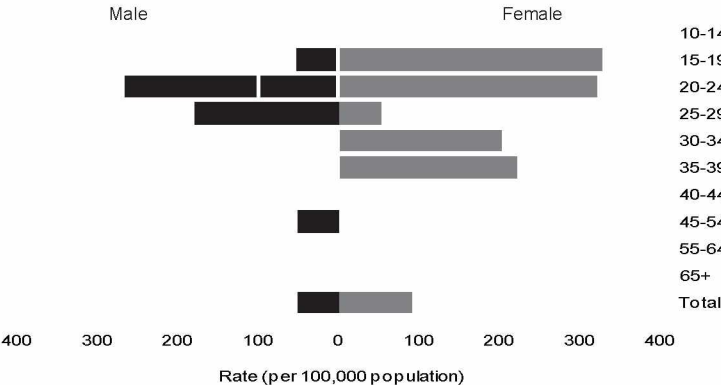
Total Gonorrhea Rates



Gonorrhea Rates by Sex, Tucson Area IHS



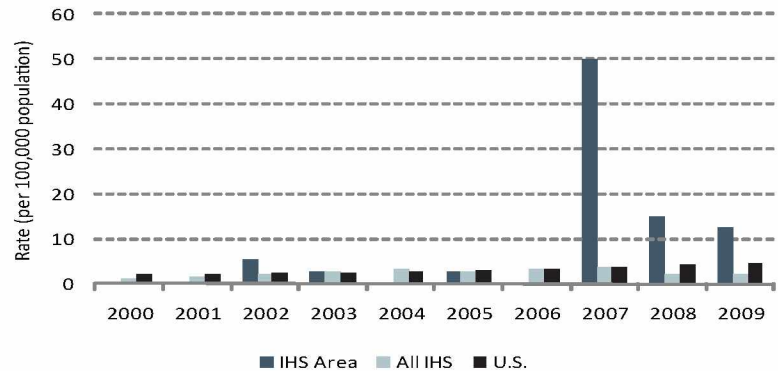
Gonorrhea Rates by Sex and Age, Tucson Area IHS, 2009



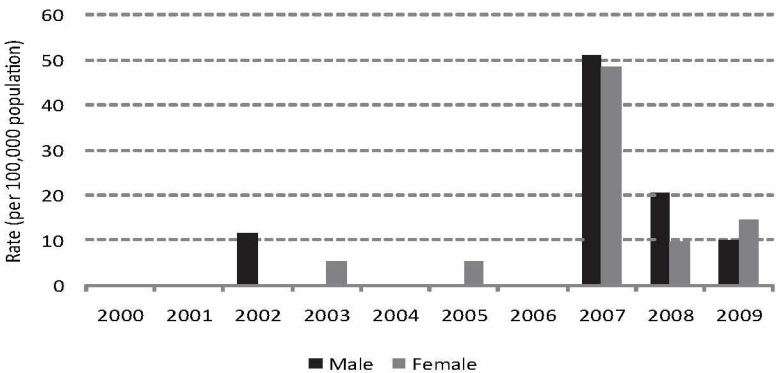
Primary and Secondary Syphilis (P&S)

Reference: Tables 12A, 12B, 13A, 13B

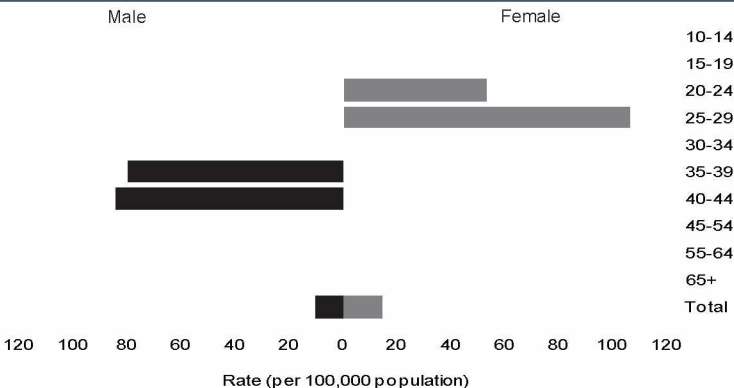
Total P&S Rates



P&S Rates by Sex, Tucson Area IHS



P&S Rates by Sex and Age, Tucson Area IHS, 2009



Tables

National Tables

IHS Area Tables

National Tables

Table 1A Reported STD Cases by Sex: United States, 1984-2009

| Year | Chlamydia | | | Gonorrhea | | | Primary and Secondary Syphilis | | |
|------|-----------|---------|-----------|-----------|---------|---------|--------------------------------|--------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | - | - | - | 508,725 | 369,831 | 878,556 | 20,576 | 8,031 | 28,607 |
| 1985 | - | - | - | 524,563 | 386,856 | 911,419 | 18,994 | 8,137 | 27,131 |
| 1986 | - | - | - | 505,862 | 386,367 | 892,229 | 18,782 | 8,885 | 27,667 |
| 1987 | - | - | - | 448,365 | 339,167 | 787,532 | 22,785 | 12,800 | 35,585 |
| 1988 | - | - | - | 426,626 | 311,534 | 738,160 | 24,616 | 15,858 | 40,474 |
| 1989 | - | - | - | 428,300 | 304,994 | 733,294 | 27,052 | 18,774 | 45,826 |
| 1990 | - | - | - | 390,235 | 299,608 | 690,042 | 28,490 | 22,088 | 50,578 |
| 1991 | - | - | - | 354,469 | 266,172 | 621,918 | 23,599 | 19,311 | 42,950 |
| 1992 | - | - | - | 278,067 | 224,666 | 502,858 | 18,062 | 15,947 | 34,009 |
| 1993 | - | - | - | 235,198 | 193,579 | 444,649 | 14,092 | 12,435 | 26,527 |
| 1994 | - | - | - | 221,807 | 197,235 | 419,602 | 10,672 | 9,936 | 20,641 |
| 1995 | - | - | - | 203,647 | 188,460 | 392,651 | 8,764 | 7,778 | 16,543 |
| 1996 | 75,484 | 415,928 | 492,631 | 166,576 | 161,235 | 328,169 | 6,011 | 5,394 | 11,405 |
| 1997 | 88,598 | 448,097 | 537,904 | 161,940 | 165,310 | 327,665 | 4,660 | 3,895 | 8,556 |
| 1998 | 106,671 | 505,533 | 614,250 | 176,529 | 179,204 | 356,492 | 3,909 | 3,096 | 7,007 |
| 1999 | 120,430 | 539,894 | 662,647 | 180,524 | 179,319 | 360,813 | 3,835 | 2,777 | 6,617 |
| 2000 | 137,957 | 569,658 | 709,452 | 180,701 | 181,668 | 363,136 | 3,532 | 2,445 | 5,979 |
| 2001 | 157,304 | 623,958 | 783,242 | 177,194 | 183,863 | 361,705 | 4,134 | 1,967 | 6,103 |
| 2002 | 179,585 | 652,858 | 834,555 | 171,504 | 179,648 | 351,852 | 5,267 | 1,594 | 6,862 |
| 2003 | 190,244 | 685,017 | 877,478 | 160,106 | 174,230 | 335,104 | 5,956 | 1,217 | 7,177 |
| 2004 | 210,396 | 716,675 | 929,462 | 157,303 | 172,142 | 330,132 | 6,722 | 1,255 | 7,980 |
| 2005 | 232,781 | 740,371 | 976,445 | 161,117 | 177,537 | 339,593 | 7,383 | 1,339 | 8,724 |
| 2006 | 252,630 | 775,788 | 1,030,911 | 170,508 | 187,033 | 358,366 | 8,293 | 1,458 | 9,756 |
| 2007 | 280,337 | 825,660 | 1,108,374 | 167,685 | 187,594 | 355,991 | 9,769 | 1,692 | 11,466 |
| 2008 | 313,779 | 893,004 | 1,210,523 | 153,103 | 182,577 | 336,742 | 11,255 | 2,242 | 13,500 |
| 2009 | 328,783 | 912,718 | 1,244,180 | 137,819 | 162,568 | 301,174 | 11,764 | 2,232 | 13,997 |

Note: Total cases include cases with unknown sex and therefore may not equal male plus female cases. Additional table notes on page 96.

Table 1B STD Rates per 100,000 Population by Sex: United States, 1984-2009

| Year | Chlamydia | | | Gonorrhea | | | Primary and Secondary Syphilis | | |
|------|-----------|--------|-------|-----------|--------|-------|--------------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | - | - | - | 443.4 | 305.3 | 372.5 | 17.9 | 6.6 | 12.1 |
| 1985 | - | - | - | 453.0 | 316.6 | 383.0 | 16.4 | 6.7 | 11.4 |
| 1986 | - | - | - | 432.7 | 313.5 | 371.5 | 16.1 | 7.2 | 11.5 |
| 1987 | - | - | - | 380.0 | 272.8 | 325.0 | 19.3 | 10.3 | 14.7 |
| 1988 | - | - | - | 358.2 | 248.4 | 301.9 | 20.7 | 12.6 | 16.6 |
| 1989 | - | - | - | 356.1 | 241.0 | 297.1 | 22.5 | 14.8 | 18.6 |
| 1990 | - | - | - | 320.6 | 234.2 | 276.4 | 23.4 | 17.3 | 20.3 |
| 1991 | - | - | - | 287.2 | 205.4 | 245.8 | 19.1 | 14.9 | 17.0 |
| 1992 | - | - | - | 222.0 | 171.2 | 196.0 | 14.4 | 12.1 | 13.3 |
| 1993 | - | - | - | 185.2 | 145.6 | 171.1 | 11.1 | 9.4 | 10.2 |
| 1994 | - | - | - | 177.3 | 150.7 | 163.9 | 8.3 | 7.4 | 7.8 |
| 1995 | - | - | - | 156.4 | 138.5 | 147.5 | 6.7 | 5.7 | 6.2 |
| 1996 | 59.7 | 315.1 | 190.6 | 126.4 | 117.2 | 121.8 | 4.6 | 3.9 | 4.2 |
| 1997 | 69.1 | 335.4 | 205.5 | 121.3 | 118.8 | 120.2 | 3.5 | 2.8 | 3.1 |
| 1998 | 82.2 | 374.1 | 231.8 | 130.6 | 127.3 | 129.2 | 2.9 | 2.2 | 2.5 |
| 1999 | 91.6 | 395.1 | 247.2 | 132.0 | 126.1 | 129.3 | 2.8 | 2.0 | 2.4 |
| 2000 | 99.6 | 396.3 | 251.4 | 130.5 | 126.4 | 128.7 | 2.6 | 1.7 | 2.1 |
| 2001 | 112.3 | 429.6 | 274.5 | 126.5 | 126.6 | 126.8 | 3.0 | 1.4 | 2.1 |
| 2002 | 126.8 | 445.0 | 289.4 | 121.1 | 122.5 | 122.0 | 3.7 | 1.1 | 2.4 |
| 2003 | 133.0 | 463.6 | 301.7 | 111.9 | 117.9 | 115.2 | 4.2 | 0.8 | 2.5 |
| 2004 | 145.6 | 480.6 | 316.3 | 108.8 | 115.4 | 112.4 | 4.7 | 0.8 | 2.7 |
| 2005 | 159.4 | 492.2 | 329.4 | 110.4 | 118.0 | 114.6 | 5.1 | 0.9 | 2.9 |
| 2006 | 171.3 | 510.8 | 344.3 | 115.6 | 123.1 | 119.7 | 5.6 | 1.0 | 3.3 |
| 2007 | 188.6 | 539.8 | 367.5 | 112.8 | 122.6 | 118.0 | 6.6 | 1.1 | 3.8 |
| 2008 | 209.3 | 579.4 | 398.1 | 102.1 | 118.5 | 110.7 | 7.5 | 1.5 | 4.4 |
| 2009 | 219.3 | 592.2 | 409.2 | 91.9 | 105.5 | 99.1 | 7.8 | 1.4 | 4.6 |

Note: Table notes on page 96.

National Tables

Table 2A Chlamydia - Reported Cases by Race/Ethnicity and Sex: United States, 1996-2009

| Year | American Indian/Alaska Native, Non Hispanic | | | White, Non-Hispanic | | | Black, Non-Hispanic | | |
|------|---|---------|---------|--------------------------------------|---------|---------|-------------------------|---------|-----------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1996 | 1,399 | 7,812 | 9,210 | 16,561 | 105,590 | 122,151 | 30,769 | 130,433 | 161,202 |
| 1997 | 1,054 | 7,732 | 8,786 | 18,556 | 112,109 | 130,667 | 38,525 | 145,518 | 184,043 |
| 1998 | 1,377 | 9,065 | 10,443 | 21,851 | 126,463 | 148,314 | 47,912 | 186,367 | 234,279 |
| 1999 | 1,609 | 9,736 | 11,345 | 26,857 | 145,958 | 172,815 | 59,335 | 224,035 | 283,370 |
| 2000 | 1,967 | 10,898 | 12,865 | 30,554 | 154,001 | 184,555 | 64,943 | 231,306 | 296,248 |
| 2001 | 2,049 | 11,115 | 13,164 | 35,882 | 170,467 | 206,348 | 72,769 | 246,898 | 319,667 |
| 2002 | 2,538 | 12,444 | 14,981 | 43,913 | 190,925 | 234,839 | 87,744 | 276,769 | 364,513 |
| 2003 | 2,859 | 13,105 | 15,964 | 49,115 | 210,693 | 259,808 | 95,741 | 294,918 | 390,660 |
| 2004 | 3,174 | 13,613 | 16,787 | 53,669 | 220,186 | 273,854 | 107,202 | 314,407 | 421,608 |
| 2005 | 3,571 | 14,191 | 17,762 | 57,709 | 223,559 | 281,268 | 111,513 | 294,910 | 406,423 |
| 2006 | 3,773 | 15,493 | 19,267 | 63,675 | 237,389 | 301,064 | 131,077 | 342,159 | 473,235 |
| 2007 | 3,525 | 14,348 | 17,872 | 69,524 | 250,151 | 319,675 | 150,384 | 374,433 | 524,817 |
| 2008 | 3,997 | 15,920 | 19,917 | 76,880 | 265,675 | 342,555 | 167,755 | 408,067 | 575,822 |
| 2009 | 4,024 | 15,594 | 19,618 | 81,619 | 272,179 | 353,798 | 175,990 | 417,438 | 593,428 |
| Year | Hispanic | | | Asian/Pacific Islander, Non-Hispanic | | | Total U.S. (Unadjusted) | | |
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1996 | 11,073 | 58,183 | 69,256 | 994 | 5,359 | 6,353 | 75,484 | 415,928 | 492,631 |
| 1997 | 14,027 | 65,164 | 79,191 | 1,242 | 5,998 | 7,240 | 88,598 | 448,907 | 537,904 |
| 1998 | 16,438 | 70,838 | 87,276 | 1,606 | 7,843 | 9,448 | 106,671 | 505,533 | 614,250 |
| 1999 | 19,264 | 84,403 | 103,667 | 2,063 | 9,585 | 11,648 | 120,430 | 539,894 | 662,647 |
| 2000 | 23,840 | 98,009 | 121,849 | 2,522 | 10,410 | 12,932 | 137,957 | 569,658 | 709,452 |
| 2001 | 27,792 | 107,824 | 135,617 | 2,646 | 10,943 | 13,590 | 157,304 | 623,958 | 783,242 |
| 2002 | 33,453 | 124,005 | 157,468 | 3,300 | 12,976 | 16,276 | 179,585 | 652,858 | 834,555 |
| 2003 | 33,576 | 128,053 | 161,629 | 3,469 | 13,573 | 17,042 | 190,244 | 685,017 | 877,478 |
| 2004 | 35,786 | 128,976 | 164,762 | 3,791 | 13,568 | 17,358 | 210,396 | 716,675 | 929,462 |
| 2005 | 39,885 | 136,386 | 176,271 | 4,388 | 13,020 | 17,408 | 232,781 | 740,371 | 976,445 |
| 2006 | 45,432 | 153,351 | 198,783 | 3,640 | 13,061 | 16,701 | 252,630 | 775,788 | 1,030,911 |
| 2007 | 47,389 | 157,467 | 204,855 | 4,223 | 14,087 | 18,310 | 280,337 | 825,660 | 1,108,374 |
| 2008 | 54,487 | 172,306 | 226,793 | 4,780 | 15,493 | 20,274 | 313,779 | 893,004 | 1,210,523 |
| 2009 | 56,271 | 174,819 | 231,090 | 4,760 | 15,461 | 20,221 | 328,783 | 912,718 | 1,244,180 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 96.

**Table 2B Chlamydia - Rates per 100,000 Population by Race/Ethnicity and Sex:
United States, 1996-2009**

| Year | American Indian/Alaska Native, Non Hispanic | | | White, Non Hispanic | | | Black, Non Hispanic | | |
|------|---|---------|-------|--------------------------------------|--------|-------|-------------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1996 | 152.0 | 822.9 | 492.7 | 23.3 | 142.2 | 84.1 | 300.1 | 1,158.9 | 749.5 |
| 1997 | 108.9 | 774.8 | 447.0 | 24.9 | 144.4 | 85.9 | 367.9 | 1,270.7 | 839.5 |
| 1998 | 140.2 | 895.1 | 523.4 | 28.7 | 159.4 | 95.4 | 390.6 | 1,383.8 | 910.4 |
| 1999 | 156.5 | 919.5 | 543.7 | 32.6 | 169.9 | 102.7 | 433.6 | 1,490.7 | 986.9 |
| 2000 | 183.0 | 986.1 | 590.2 | 35.8 | 173.1 | 105.9 | 449.8 | 1,459.6 | 978.2 |
| 2001 | 185.6 | 978.7 | 587.8 | 42.1 | 192.4 | 118.7 | 516.8 | 1,602.2 | 1,083.9 |
| 2002 | 221.6 | 1,056.2 | 644.8 | 48.4 | 202.2 | 126.9 | 550.3 | 1,575.9 | 1,087.8 |
| 2003 | 244.4 | 1,087.2 | 672.2 | 52.7 | 217.4 | 136.7 | 577.4 | 1,617.9 | 1,122.3 |
| 2004 | 268.8 | 1,117.9 | 699.9 | 57.4 | 226.7 | 143.6 | 638.4 | 1,704.8 | 1,196.6 |
| 2005 | 305.3 | 1,174.6 | 747.0 | 63.4 | 236.7 | 151.7 | 709.9 | 1,712.6 | 1,234.3 |
| 2006 | 314.5 | 1,250.8 | 790.1 | 65.9 | 236.6 | 152.8 | 733.3 | 1,741.8 | 1,261.3 |
| 2007 | 291.0 | 1,146.4 | 725.7 | 71.8 | 248.9 | 162.0 | 832.6 | 1,887.3 | 1,384.7 |
| 2008 | 321.5 | 1,240.3 | 788.3 | 79.2 | 263.8 | 173.2 | 924.7 | 2,048.5 | 1,512.8 |
| 2009 | 323.8 | 1,214.9 | 776.5 | 84.0 | 270.2 | 178.8 | 970.0 | 2,095.5 | 1,559.1 |
| Year | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Unadjusted) | | |
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1996 | 88.5 | 491.4 | 284.4 | 27.3 | 137.6 | 84.3 | 59.7 | 315.1 | 190.6 |
| 1997 | 106.0 | 520.5 | 307.5 | 32.2 | 145.1 | 90.6 | 69.1 | 335.4 | 205.5 |
| 1998 | 116.8 | 534.6 | 319.4 | 39.0 | 177.1 | 110.5 | 82.2 | 374.1 | 231.8 |
| 1999 | 128.8 | 601.6 | 357.7 | 47.0 | 203.9 | 128.2 | 91.6 | 395.1 | 247.2 |
| 2000 | 145.7 | 639.8 | 384.7 | 52.1 | 201.5 | 129.2 | 99.6 | 396.3 | 251.4 |
| 2001 | 167.9 | 698.2 | 423.8 | 55.8 | 215.0 | 138.3 | 112.3 | 429.6 | 274.5 |
| 2002 | 174.3 | 688.8 | 423.4 | 59.1 | 216.0 | 140.4 | 126.8 | 445.0 | 289.4 |
| 2003 | 172.3 | 701.5 | 428.2 | 59.4 | 219.1 | 141.6 | 133.0 | 463.6 | 301.7 |
| 2004 | 177.1 | 682.4 | 421.4 | 62.9 | 212.3 | 139.8 | 145.6 | 480.6 | 316.5 |
| 2005 | 194.9 | 710.5 | 444.5 | 77.0 | 215.9 | 148.4 | 159.4 | 492.2 | 329.4 |
| 2006 | 203.0 | 733.6 | 459.2 | 57.0 | 193.6 | 127.2 | 171.3 | 510.8 | 344.3 |
| 2007 | 206.4 | 733.3 | 461.0 | 65.0 | 205.4 | 137.1 | 188.6 | 539.8 | 367.5 |
| 2008 | 230.2 | 777.5 | 494.8 | 72.4 | 222.3 | 149.3 | 209.3 | 579.4 | 398.1 |
| 2009 | 237.7 | 788.8 | 504.2 | 72 | 221.9 | 149 | 219.3 | 592.2 | 409.2 |

Note: Table notes on page 96.

National Tables

**Table 3A Chlamydia - Reported Cases by Race/Ethnicity, Age Group, and Sex:
United States, 2009**

| Age Group | American Indian/Alaska Native, Non Hispanic | | | White, Non-Hispanic | | | Black, Non-Hispanic | | |
|-----------|---|--------|--------|---------------------|---------|---------|---------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 21 | 214 | 235 | 124 | 2,355 | 2,479 | 1,003 | 7,550 | 8,553 |
| 15-19 | 971 | 5,156 | 6,127 | 14,452 | 98,442 | 112,894 | 51,652 | 177,487 | 229,139 |
| 20-24 | 1,527 | 5,517 | 7,044 | 32,450 | 108,326 | 140,776 | 62,987 | 146,159 | 209,146 |
| 25-29 | 744 | 2,562 | 3,306 | 17,291 | 38,348 | 55,639 | 30,062 | 52,082 | 82,144 |
| 30-34 | 371 | 1,070 | 1,442 | 7,333 | 13,588 | 20,922 | 13,867 | 19,069 | 32,936 |
| 35-39 | 158 | 550 | 708 | 3,836 | 5,707 | 9,543 | 7,402 | 7,679 | 15,082 |
| 40-44 | 102 | 264 | 367 | 2,429 | 2,629 | 5,058 | 4,289 | 3,360 | 7,648 |
| 45-54 | 91 | 196 | 287 | 2,719 | 1,970 | 4,689 | 3,582 | 2,812 | 6,394 |
| 55-64 | 20 | 42 | 61 | 709 | 427 | 1,136 | 773 | 628 | 1,401 |
| 65+ | 7 | 9 | 16 | 190 | 131 | 321 | 175 | 196 | 371 |
| All Ages | 4,024 | 15,594 | 19,618 | 81,619 | 272,179 | 353,798 | 175,990 | 417,438 | 593,428 |

| Age Group | Hispanic | | | Asian/Pacific Islander, Non-Hispanic | | | Total U.S. (Adjusted) | | |
|-----------|----------|---------|---------|--------------------------------------|--------|--------|-----------------------|---------|-----------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 242 | 2,098 | 2,340 | 8 | 83 | 91 | 1,414 | 12,520 | 13,934 |
| 15-19 | 12,231 | 57,998 | 70,229 | 542 | 3,590 | 4,132 | 81,110 | 349,145 | 430,255 |
| 20-24 | 20,465 | 61,771 | 82,236 | 1,531 | 5,443 | 6,975 | 121,536 | 334,382 | 455,918 |
| 25-29 | 12,080 | 29,195 | 41,275 | 1,065 | 2,976 | 4,041 | 62,721 | 128,249 | 190,970 |
| 30-34 | 5,624 | 12,841 | 18,465 | 572 | 1,490 | 2,062 | 28,481 | 49,325 | 77,806 |
| 35-39 | 2,761 | 6,109 | 8,869 | 421 | 845 | 1,266 | 14,930 | 21,450 | 36,380 |
| 40-44 | 1,526 | 2,572 | 4,098 | 263 | 476 | 739 | 8,796 | 9,514 | 18,311 |
| 45-54 | 1,032 | 1,670 | 2,701 | 251 | 407 | 658 | 7,856 | 7,216 | 15,072 |
| 55-64 | 188 | 337 | 524 | 68 | 118 | 186 | 1,795 | 1,579 | 3,374 |
| 65+ | 60 | 98 | 158 | 33 | 29 | 62 | 475 | 474 | 948 |
| All Ages | 56,271 | 174,819 | 231,090 | 4,760 | 15,461 | 20,221 | 329,490 | 914,690 | 1,244,180 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 96.

**Table 3B Chlamydia - Rates per 100,000 Population by Race/Ethnicity, Age Group, and Sex:
United States, 2009**

| Age Group | American Indian/Alaska Native, Non Hispanic | | | White, Non Hispanic | | | Black, Non Hispanic | | |
|-----------|---|---------|---------|--------------------------------------|---------|---------|-----------------------|----------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 21.0 | 223.8 | 120.8 | 2.1 | 41.4 | 21.2 | 64.9 | 504.0 | 280.9 |
| 15-19 | 852.8 | 4,619.3 | 2,717.5 | 218.6 | 1,569.9 | 876.5 | 3,007.5 | 10,629.7 | 6,764.9 |
| 20-24 | 1,367.0 | 5,104.4 | 3,204.8 | 491.9 | 1,727.8 | 1,094.2 | 4,055.7 | 9,603.9 | 6,801.7 |
| 25-29 | 741.6 | 2,610.5 | 1,665.8 | 271.7 | 614.8 | 441.5 | 2,077.3 | 3,499.7 | 2,798.5 |
| 30-34 | 456.0 | 1,319.2 | 886.8 | 128.9 | 241.5 | 184.9 | 1,156.3 | 1,446.9 | 1,308.4 |
| 35-39 | 194.8 | 669.1 | 433.3 | 59.6 | 89.5 | 74.5 | 597.6 | 552.0 | 573.5 |
| 40-44 | 124.5 | 307.8 | 218.3 | 34.9 | 37.8 | 36.4 | 342.6 | 235.8 | 285.7 |
| 45-54 | 55.6 | 109.3 | 83.7 | 17.6 | 12.6 | 15.1 | 150.0 | 100.8 | 123.5 |
| 55-64 | 17.5 | 33.4 | 25.9 | 5.7 | 3.3 | 4.5 | 51.3 | 33.4 | 41.4 |
| 65+ | 8.0 | 7.6 | 7.8 | 1.4 | 0.7 | 1.0 | 14.0 | 9.8 | 11.4 |
| All Ages | 323.8 | 1,214.9 | 776.5 | 84.0 | 270.2 | 178.8 | 970.0 | 2,095.5 | 1,559.1 |
| Age Group | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Adjusted) | | |
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 12.1 | 110.3 | 60.1 | 1.9 | 19.7 | 10.7 | 13.8 | 127.9 | 69.5 |
| 15-19 | 631.8 | 3,174.7 | 1,866.4 | 123.3 | 868.0 | 484.3 | 735.5 | 3,329.3 | 1,999.9 |
| 20-24 | 1,077.8 | 3,679.7 | 2,298.7 | 337.1 | 1,254.5 | 785.3 | 1,120.6 | 3,273.9 | 2,165.0 |
| 25-29 | 539.6 | 1,623.0 | 1,022.3 | 199.6 | 549.9 | 375.9 | 573.3 | 1,234.0 | 895.2 |
| 30-34 | 260.3 | 721.2 | 468.5 | 96.0 | 239.0 | 169.2 | 286.0 | 511.7 | 397.0 |
| 35-39 | 141.6 | 360.5 | 243.4 | 66.7 | 128.2 | 98.2 | 141.3 | 205.8 | 173.3 |
| 40-44 | 90.1 | 170.0 | 127.8 | 48.8 | 83.4 | 66.5 | 81.9 | 88.4 | 85.1 |
| 45-54 | 41.5 | 70.0 | 55.5 | 27.7 | 40.5 | 34.4 | 36.0 | 32.0 | 34.0 |
| 55-64 | 14.0 | 23.3 | 18.8 | 11.2 | 16.5 | 14.1 | 11.0 | 9.1 | 10.0 |
| 65+ | 5.4 | 6.6 | 6.1 | 6.3 | 4.2 | 5.1 | 2.9 | 2.1 | 2.4 |
| All Ages | 237.7 | 788.8 | 504.2 | 72.0 | 221.9 | 149.0 | 219.8 | 593.4 | 409.2 |

Note: Table notes on page 96.

National Tables

Table 4A Gonorrhea - Reported Cases by Race/Ethnicity and Sex: United States, 1984-2009

| Year | American Indian/Alaska Native, Non Hispanic | | | White, Non-Hispanic | | | Black, Non-Hispanic | | |
|------|---|--------|-------|---------------------|--------|---------|---------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 3,087 | 3,504 | 6,590 | 77,771 | 68,621 | 146,393 | 220,154 | 155,646 | 375,799 |
| 1985 | 2,820 | 3,588 | 6,407 | 85,512 | 83,010 | 168,522 | 260,696 | 188,394 | 449,091 |
| 1986 | 2,810 | 3,382 | 6,192 | 84,724 | 90,168 | 174,892 | 319,458 | 230,789 | 550,246 |
| 1987 | 2,326 | 2,926 | 5,252 | 62,412 | 73,286 | 135,698 | 298,906 | 210,605 | 509,511 |
| 1988 | 1,682 | 2,123 | 3,805 | 47,998 | 58,141 | 106,139 | 302,351 | 208,304 | 510,655 |
| 1989 | 1,470 | 1,866 | 3,336 | 43,118 | 52,129 | 95,248 | 304,720 | 204,679 | 509,398 |
| 1990 | 1,289 | 1,714 | 3,004 | 35,221 | 48,066 | 83,287 | 278,898 | 197,902 | 476,800 |
| 1991 | 1,015 | 1,439 | 2,454 | 29,964 | 41,229 | 71,193 | 264,582 | 179,584 | 444,165 |
| 1992 | 809 | 1,183 | 1,992 | 23,597 | 37,981 | 61,578 | 224,897 | 159,656 | 384,553 |
| 1993 | 701 | 1,329 | 2,030 | 17,220 | 30,910 | 48,130 | 179,659 | 130,651 | 310,310 |
| 1994 | 889 | 1,283 | 2,172 | 17,222 | 33,349 | 50,571 | 177,686 | 134,076 | 311,762 |
| 1995 | 628 | 1,095 | 1,723 | 16,841 | 32,251 | 49,092 | 152,833 | 120,096 | 272,929 |
| 1996 | 684 | 1,307 | 1,990 | 15,768 | 28,711 | 44,479 | 127,059 | 107,559 | 234,618 |
| 1997 | 572 | 1,257 | 1,829 | 15,840 | 28,593 | 44,432 | 123,152 | 109,762 | 232,914 |
| 1998 | 694 | 1,628 | 2,322 | 18,354 | 33,227 | 51,581 | 141,684 | 130,199 | 271,884 |
| 1999 | 660 | 1,566 | 2,226 | 19,295 | 33,438 | 52,733 | 148,437 | 132,270 | 280,707 |
| 2000 | 793 | 1,526 | 2,319 | 21,039 | 33,925 | 54,964 | 144,191 | 129,737 | 273,928 |
| 2001 | 751 | 1,689 | 2,439 | 22,585 | 35,738 | 58,323 | 140,235 | 131,636 | 271,871 |
| 2002 | 905 | 1,800 | 2,704 | 24,429 | 37,243 | 61,671 | 132,498 | 125,488 | 257,989 |
| 2003 | 823 | 1,666 | 2,489 | 25,288 | 39,673 | 64,961 | 120,266 | 116,771 | 237,038 |
| 2004 | 946 | 1,912 | 2,858 | 25,585 | 40,665 | 66,250 | 116,537 | 113,306 | 229,843 |
| 2005 | 1,112 | 2,113 | 3,225 | 27,050 | 43,159 | 70,209 | 117,025 | 114,050 | 231,076 |
| 2006 | 1,208 | 2,189 | 3,398 | 27,848 | 45,353 | 73,200 | 125,102 | 120,753 | 245,855 |
| 2007 | 850 | 1,809 | 2,659 | 26,209 | 43,544 | 69,753 | 125,010 | 125,250 | 250,260 |
| 2008 | 926 | 1,838 | 2,764 | 22,518 | 39,788 | 62,306 | 114,496 | 123,915 | 238,410 |
| 2009 | 991 | 1,925 | 2,917 | 21,273 | 33,688 | 54,961 | 101,459 | 111,706 | 213,165 |

Table 4A, Continued

| Year | Hispanic | | | Asian/Pacific Islander, Non-Hispanic | | | Total U.S. (Unadjusted) | | |
|------|----------|--------|--------|--------------------------------------|--------|-------|-------------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 24,471 | 11,640 | 36,111 | 1,673 | 1,108 | 2,781 | 508,725 | 369,831 | 878,556 |
| 1985 | 28,398 | 13,407 | 41,805 | 1,610 | 1,118 | 2,729 | 524,563 | 386,856 | 911,419 |
| 1986 | 30,389 | 13,375 | 43,764 | 1,601 | 1,143 | 2,744 | 505,862 | 386,367 | 892,229 |
| 1987 | 24,179 | 11,787 | 35,966 | 1,456 | 949 | 2,405 | 448,365 | 339,167 | 787,532 |
| 1988 | 19,679 | 10,423 | 30,101 | 896 | 725 | 1,621 | 426,626 | 311,534 | 738,160 |
| 1989 | 15,992 | 8,555 | 24,547 | 849 | 627 | 1,476 | 428,300 | 304,994 | 733,294 |
| 1990 | 14,288 | 8,156 | 22,444 | 806 | 732 | 1,538 | 390,235 | 299,608 | 680,042 |
| 1991 | 12,175 | 7,660 | 19,836 | 932 | 870 | 1,801 | 354,469 | 266,172 | 621,918 |
| 1992 | 10,421 | 9,198 | 19,619 | 753 | 882 | 1,635 | 278,067 | 224,666 | 502,858 |
| 1993 | 9,266 | 9,110 | 18,375 | 735 | 816 | 1,551 | 235,198 | 193,579 | 444,649 |
| 1994 | 8,551 | 8,376 | 16,928 | 632 | 1,001 | 1,633 | 221,807 | 197,235 | 419,602 |
| 1995 | 9,086 | 8,865 | 17,951 | 603 | 842 | 1,445 | 203,647 | 188,460 | 392,651 |
| 1996 | 7,716 | 8,308 | 16,025 | 539 | 812 | 1,351 | 166,576 | 161,235 | 328,169 |
| 1997 | 8,109 | 8,560 | 16,669 | 655 | 853 | 1,508 | 161,940 | 165,310 | 327,665 |
| 1998 | 10,219 | 10,170 | 20,390 | 698 | 1,194 | 1,892 | 176,529 | 179,204 | 356,492 |
| 1999 | 10,602 | 11,318 | 21,920 | 925 | 1,205 | 2,130 | 180,524 | 179,319 | 360,813 |
| 2000 | 12,030 | 12,481 | 24,512 | 1,609 | 1,447 | 3,056 | 180,701 | 181,668 | 363,136 |
| 2001 | 12,624 | 13,566 | 26,190 | 1,348 | 1,588 | 2,935 | 177,194 | 183,863 | 361,705 |
| 2002 | 12,822 | 14,007 | 26,829 | 1,196 | 1,450 | 2,646 | 171,504 | 179,648 | 351,852 |
| 2003 | 12,922 | 14,872 | 27,793 | 1,171 | 1,652 | 2,823 | 160,106 | 174,230 | 335,104 |
| 2004 | 13,360 | 15,096 | 28,455 | 1,205 | 1,521 | 2,726 | 157,303 | 172,142 | 330,132 |
| 2005 | 14,374 | 16,471 | 30,845 | 1,602 | 1,612 | 3,214 | 161,117 | 177,537 | 339,593 |
| 2006 | 15,460 | 17,584 | 33,044 | 1,290 | 1,579 | 2,869 | 170,508 | 187,033 | 358,366 |
| 2007 | 14,729 | 15,947 | 30,676 | 1,221 | 1,422 | 2,643 | 167,685 | 187,594 | 355,991 |
| 2008 | 14,339 | 16,073 | 30,412 | 1,327 | 1,522 | 2,849 | 153,103 | 182,577 | 336,742 |
| 2009 | 13,229 | 14,283 | 27,512 | 1,242 | 1,378 | 2,621 | 137,819 | 162,568 | 301,174 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 96.

National Tables

**Table 4B Gonorrhea - Rates per 100,000 Population by Race/Ethnicity and Sex:
United States, 1984-2009**

| Year | American Indian/Alaska Native, Non Hispanic | | | White, Non Hispanic | | | Black, Non Hispanic | | |
|------|---|--------|-------|---------------------|--------|-------|---------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 393.8 | 435.0 | 414.7 | 139.1 | 116.7 | 127.6 | 2,693.4 | 1,712.4 | 2,176.9 |
| 1985 | 346.2 | 429.0 | 388.2 | 132.0 | 121.7 | 126.7 | 2,720.9 | 1,761.3 | 2,214.7 |
| 1986 | 313.3 | 367.9 | 340.9 | 108.0 | 109.1 | 108.6 | 2,667.6 | 1,727.0 | 2,171.5 |
| 1987 | 254.9 | 312.8 | 284.2 | 76.8 | 85.7 | 81.4 | 2,445.7 | 1,544.9 | 1,970.7 |
| 1988 | 182.9 | 225.3 | 204.4 | 58.5 | 67.3 | 63.1 | 2,456.5 | 1,517.6 | 1,961.5 |
| 1989 | 159.5 | 197.5 | 178.8 | 53.1 | 61.0 | 57.1 | 2,572.0 | 1,550.3 | 2,033.5 |
| 1990 | 152.8 | 197.3 | 175.3 | 44.1 | 57.3 | 50.8 | 2,415.0 | 1,539.6 | 1,953.9 |
| 1991 | 116.3 | 160.0 | 138.5 | 35.9 | 47.1 | 41.7 | 2,154.6 | 1,314.5 | 1,712.2 |
| 1992 | 89.3 | 126.9 | 108.4 | 27.0 | 41.5 | 34.4 | 1,691.9 | 1,082.1 | 1,371.1 |
| 1993 | 75.9 | 139.7 | 108.2 | 20.1 | 34.5 | 27.5 | 1,417.2 | 931.3 | 1,162.0 |
| 1994 | 93.8 | 131.5 | 112.9 | 20.0 | 37.0 | 28.7 | 1,375.8 | 938.9 | 1,146.4 |
| 1995 | 65.1 | 110.3 | 88.1 | 20.1 | 36.8 | 28.6 | 1,209.6 | 861.1 | 1,026.7 |
| 1996 | 68.5 | 127.2 | 98.3 | 18.2 | 31.7 | 25.1 | 918.0 | 703.5 | 805.4 |
| 1997 | 56.4 | 120.3 | 88.8 | 18.3 | 31.6 | 25.1 | 873.7 | 705.9 | 785.7 |
| 1998 | 64.7 | 147.2 | 106.6 | 19.8 | 34.3 | 27.2 | 903.6 | 749.8 | 822.8 |
| 1999 | 59.1 | 136.0 | 98.1 | 20.0 | 33.2 | 26.7 | 900.4 | 725.3 | 808.4 |
| 2000 | 68.4 | 128.0 | 98.6 | 21.8 | 33.6 | 27.8 | 862.0 | 702.1 | 778.1 |
| 2001 | 64.0 | 140.0 | 102.6 | 23.3 | 35.3 | 29.4 | 826.8 | 703.3 | 762.0 |
| 2002 | 76.3 | 147.6 | 112.5 | 25.1 | 36.7 | 31.0 | 770.7 | 662.1 | 713.7 |
| 2003 | 68.8 | 135.2 | 102.5 | 25.9 | 39.1 | 32.6 | 691.8 | 610.6 | 649.3 |
| 2004 | 78.3 | 153.6 | 116.5 | 26.1 | 40.0 | 33.2 | 662.5 | 586.2 | 622.5 |
| 2005 | 92.1 | 169.7 | 131.5 | 27.6 | 42.4 | 35.1 | 658.0 | 584.2 | 619.4 |
| 2006 | 98.9 | 173.7 | 136.9 | 28.3 | 44.4 | 36.5 | 695.1 | 611.3 | 651.2 |
| 2007 | 68.8 | 142.0 | 106.0 | 26.5 | 42.5 | 34.7 | 687.1 | 627.7 | 656.0 |
| 2008 | 73.1 | 140.6 | 107.4 | 22.7 | 38.8 | 30.9 | 626.5 | 618.4 | 622.3 |
| 2009 | 78.2 | 147.3 | 113.3 | 21.5 | 32.8 | 27.2 | 555.2 | 557.5 | 556.4 |

Table 4B, Continued

| Year | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Unadjusted) | | |
|------|----------|--------|-------|--------------------------------------|--------|-------|-------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 324.8 | 162.0 | 245.3 | 70.1 | 44.0 | 56.7 | 443.4 | 305.3 | 372.5 |
| 1985 | 345.4 | 171.9 | 260.9 | 62.0 | 40.9 | 51.1 | 453.0 | 316.6 | 383.0 |
| 1986 | 314.8 | 145.0 | 231.9 | 53.7 | 36.4 | 44.9 | 432.7 | 313.5 | 371.5 |
| 1987 | 244.0 | 124.5 | 185.6 | 47.6 | 29.5 | 38.3 | 380.0 | 272.8 | 325.0 |
| 1988 | 196.0 | 108.8 | 153.4 | 28.8 | 22.2 | 25.4 | 358.2 | 248.4 | 301.9 |
| 1989 | 157.9 | 88.6 | 124.1 | 27.4 | 19.3 | 23.3 | 356.1 | 241.0 | 297.1 |
| 1990 | 143.4 | 86.1 | 115.4 | 27.6 | 23.8 | 25.7 | 320.6 | 234.2 | 276.4 |
| 1991 | 112.5 | 74.4 | 93.9 | 28.9 | 25.6 | 27.2 | 287.2 | 205.4 | 245.8 |
| 1992 | 91.2 | 84.8 | 88.1 | 21.6 | 24.0 | 22.8 | 222.0 | 171.2 | 196.0 |
| 1993 | 77.9 | 80.6 | 79.2 | 20.3 | 21.3 | 20.8 | 185.2 | 145.6 | 141.1 |
| 1994 | 68.7 | 70.8 | 69.7 | 16.7 | 24.9 | 20.9 | 177.3 | 150.7 | 163.9 |
| 1995 | 72.3 | 74.5 | 73.4 | 16.0 | 21.0 | 18.6 | 156.4 | 138.5 | 147.5 |
| 1996 | 57.9 | 66.1 | 61.9 | 13.5 | 19.0 | 16.3 | 126.4 | 117.2 | 121.8 |
| 1997 | 58.1 | 65.1 | 61.5 | 15.7 | 19.1 | 17.5 | 121.3 | 118.8 | 120.2 |
| 1998 | 63.7 | 66.9 | 65.3 | 14.4 | 23.0 | 18.9 | 130.6 | 127.3 | 129.2 |
| 1999 | 60.8 | 68.6 | 64.6 | 17.4 | 21.3 | 19.4 | 132.0 | 126.1 | 129.3 |
| 2000 | 65.5 | 72.1 | 68.7 | 28.9 | 24.5 | 26.7 | 130.5 | 126.4 | 128.7 |
| 2001 | 65.8 | 75.2 | 70.3 | 23.4 | 25.8 | 24.6 | 126.5 | 126.6 | 126.8 |
| 2002 | 64.1 | 74.6 | 69.2 | 20.0 | 22.6 | 21.4 | 121.1 | 122.5 | 122.0 |
| 2003 | 62.7 | 77.1 | 69.7 | 18.9 | 25.2 | 22.1 | 111.9 | 117.9 | 115.2 |
| 2004 | 62.6 | 75.6 | 68.9 | 18.8 | 22.4 | 20.7 | 108.8 | 115.4 | 112.4 |
| 2005 | 65.3 | 80.1 | 72.4 | 25.8 | 24.6 | 25.2 | 110.4 | 118.0 | 114.6 |
| 2006 | 67.4 | 82.2 | 74.6 | 18.9 | 21.9 | 20.4 | 115.6 | 123.1 | 119.7 |
| 2007 | 62.6 | 72.6 | 67.4 | 17.6 | 19.4 | 18.5 | 112.8 | 122.6 | 118.0 |
| 2008 | 59.1 | 70.8 | 64.8 | 18.8 | 20.5 | 19.7 | 102.1 | 118.5 | 110.7 |
| 2009 | 54.5 | 63 | 58.6 | 17.6 | 18.5 | 18.1 | 91.9 | 105.5 | 99.1 |

Note: Table notes on page 96.

National Tables

**Table 5A Gonorrhea - Reported Cases by Race/Ethnicity, Age Group, and Sex:
United States, 2009**

| Age Group | American Indian/Alaska Native, Non Hispanic | | | White, Non Hispanic | | | Black, Non Hispanic | | |
|-----------|---|--------|-------|---------------------|--------|--------|---------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 4 | 20 | 25 | 31 | 314 | 346 | 428 | 1,942 | 2,369 |
| 15-19 | 165 | 562 | 726 | 2,317 | 10,000 | 12,317 | 22,751 | 43,899 | 66,650 |
| 20-24 | 279 | 628 | 906 | 5,447 | 11,919 | 17,366 | 33,947 | 39,021 | 72,968 |
| 25-29 | 197 | 316 | 513 | 4,202 | 5,656 | 9,858 | 18,670 | 15,351 | 34,021 |
| 30-34 | 121 | 175 | 296 | 2,555 | 2,638 | 5,193 | 9,996 | 6,162 | 16,158 |
| 35-39 | 79 | 103 | 183 | 1,921 | 1,521 | 3,442 | 5,963 | 2,678 | 8,641 |
| 40-44 | 51 | 56 | 107 | 1,748 | 788 | 2,536 | 3,938 | 1,290 | 5,227 |
| 45-54 | 64 | 48 | 112 | 2,231 | 660 | 2,891 | 4,395 | 1,010 | 5,405 |
| 55-64 | 26 | 10 | 35 | 611 | 130 | 742 | 1,087 | 153 | 1,239 |
| 65+ | 4 | 2 | 6 | 198 | 33 | 231 | 208 | 54 | 262 |
| All Ages | 991 | 1,925 | 2,917 | 21,273 | 33,688 | 54,961 | 101,459 | 111,706 | 213,165 |

| Age Group | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Adjusted) | | |
|-----------|----------|--------|--------|--------------------------------------|--------|-------|-----------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 44 | 190 | 234 | 1 | 15 | 16 | 509 | 2,482 | 2,991 |
| 15-19 | 2,222 | 4,764 | 6,986 | 118 | 419 | 537 | 27,573 | 59,648 | 87,221 |
| 20-24 | 4,198 | 4,721 | 8,919 | 325 | 425 | 750 | 44,190 | 56,712 | 100,902 |
| 25-29 | 2,811 | 2,284 | 5,096 | 263 | 234 | 498 | 26,142 | 23,840 | 49,981 |
| 30-34 | 1,602 | 1,127 | 2,729 | 165 | 128 | 292 | 14,437 | 10,232 | 24,669 |
| 35-39 | 946 | 598 | 1,544 | 140 | 55 | 195 | 9,049 | 4,957 | 14,006 |
| 40-44 | 701 | 290 | 991 | 100 | 35 | 135 | 6,538 | 2,459 | 8,997 |
| 45-54 | 562 | 204 | 766 | 98 | 44 | 142 | 7,352 | 1,965 | 9,317 |
| 55-64 | 106 | 51 | 157 | 23 | 21 | 44 | 1,853 | 364 | 2,217 |
| 65+ | 27 | 17 | 45 | 9 | 2 | 10 | 447 | 108 | 555 |
| All Ages | 13,229 | 14,283 | 27,512 | 1,242 | 1,378 | 2,621 | 138,187 | 162,987 | 301,174 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 96.

**Table 5B Gonorrhea - Rates per 100,000 Population by Race/Ethnicity, Age Group, and Sex:
United States, 2009**

| Age Group | American Indian/Alaska Native, Non Hispanic | | | White, Non Hispanic | | | Black, Non Hispanic | | |
|-----------|---|--------|-------|---------------------|--------|-------|---------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 4.3 | 20.9 | 12.5 | 0.5 | 5.4 | 2.9 | 27.5 | 128.7 | 77.3 |
| 15-19 | 142.4 | 494.9 | 316.9 | 34.4 | 156.7 | 93.9 | 1,316.4 | 2,613.8 | 1,955.8 |
| 20-24 | 244.4 | 570.0 | 404.3 | 80.8 | 186.4 | 132.2 | 2,168.9 | 2,548.7 | 2,356.7 |
| 25-29 | 191.5 | 315.3 | 252.7 | 64.5 | 88.6 | 76.4 | 1,279.1 | 1,024.9 | 1,150.4 |
| 30-34 | 145.0 | 211.3 | 178.1 | 43.9 | 45.9 | 44.9 | 826.3 | 464.6 | 637.2 |
| 35-39 | 95.6 | 123.2 | 109.5 | 29.2 | 23.4 | 26.3 | 477.0 | 191.4 | 326.1 |
| 40-44 | 60.5 | 64.1 | 62.4 | 24.6 | 11.1 | 17.9 | 312.1 | 90.0 | 194.0 |
| 45-54 | 38.4 | 26.1 | 32.0 | 14.1 | 4.1 | 9.1 | 182.8 | 36.0 | 103.8 |
| 55-64 | 22.5 | 7.5 | 14.6 | 4.9 | 1.0 | 2.9 | 71.7 | 8.1 | 36.4 |
| 65+ | 4.6 | 1.5 | 2.9 | 1.5 | 0.2 | 0.7 | 16.6 | 2.7 | 8.0 |
| All Ages | 78.2 | 147.3 | 113.3 | 21.5 | 32.8 | 27.2 | 555.2 | 557.5 | 556.4 |

| Age Group | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Adjusted) | | |
|-----------|----------|--------|-------|--------------------------------------|--------|-------|-----------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 2.2 | 9.8 | 5.9 | 0.3 | 3.4 | 1.8 | 5.0 | 25.3 | 14.9 |
| 15-19 | 112.2 | 254.8 | 181.4 | 25.2 | 94.8 | 59.0 | 250.0 | 568.8 | 405.4 |
| 20-24 | 215.7 | 274.9 | 243.5 | 67.5 | 92.2 | 79.6 | 407.5 | 555.3 | 479.1 |
| 25-29 | 122.4 | 123.9 | 123.1 | 46.7 | 41.0 | 43.8 | 238.9 | 229.4 | 234.3 |
| 30-34 | 72.3 | 61.8 | 67.5 | 26.3 | 19.5 | 22.8 | 145.0 | 106.2 | 125.9 |
| 35-39 | 47.4 | 34.5 | 41.4 | 21.1 | 7.9 | 14.4 | 85.6 | 47.6 | 66.7 |
| 40-44 | 40.4 | 18.8 | 30.2 | 17.5 | 5.8 | 11.5 | 60.8 | 22.9 | 41.8 |
| 45-54 | 22.1 | 8.3 | 15.4 | 10.1 | 4.1 | 6.9 | 33.6 | 8.7 | 21.0 |
| 55-64 | 7.7 | 3.4 | 5.5 | 3.5 | 2.7 | 3.1 | 11.4 | 2.1 | 6.6 |
| 65+ | 2.4 | 1.1 | 1.7 | 1.5 | 0.2 | 0.8 | 2.7 | 0.5 | 1.4 |
| All Ages | 54.5 | 63.0 | 58.6 | 17.6 | 18.5 | 18.1 | 92.2 | 105.7 | 99.1 |

Note: Table notes on page 96.

National Tables

**Table 6A Primary and Secondary Syphilis - Reported Cases by Race/Ethnicity and Sex:
United States, 1984-2009**

| Year | American Indian/Alaska Native, Non Hispanic | | | White, Non-Hispanic | | | Black, Non-Hispanic | | |
|------|---|--------|-------|---------------------|--------|-------|---------------------|--------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 99 | 60 | 158 | 4,254 | 848 | 5,102 | 7,185 | 3,893 | 11,078 |
| 1985 | 130 | 80 | 210 | 4,216 | 1,115 | 5,331 | 8,120 | 4,394 | 12,514 |
| 1986 | 77 | 65 | 141 | 3,651 | 1,218 | 4,869 | 10,666 | 6,255 | 16,921 |
| 1987 | 64 | 56 | 120 | 3,395 | 1,625 | 5,020 | 15,144 | 9,691 | 24,835 |
| 1988 | 36 | 40 | 76 | 2,929 | 1,656 | 4,585 | 17,808 | 12,584 | 30,392 |
| 1989 | 42 | 34 | 76 | 2,902 | 1,870 | 4,772 | 21,093 | 15,647 | 36,740 |
| 1990 | 50 | 57 | 107 | 2,979 | 1,909 | 4,889 | 22,855 | 18,814 | 41,669 |
| 1991 | 29 | 40 | 68 | 2,161 | 1,494 | 3,656 | 19,404 | 16,679 | 36,083 |
| 1992 | 25 | 21 | 47 | 1,620 | 1,235 | 2,855 | 15,125 | 13,900 | 29,025 |
| 1993 | 19 | 18 | 38 | 1,234 | 1,044 | 2,277 | 11,841 | 10,937 | 22,778 |
| 1994 | 19 | 25 | 45 | 967 | 910 | 1,877 | 9,158 | 8,751 | 17,909 |
| 1995 | 24 | 23 | 48 | 798 | 718 | 1,515 | 7,464 | 6,731 | 14,195 |
| 1996 | 22 | 21 | 42 | 606 | 593 | 1,200 | 5,017 | 4,581 | 9,598 |
| 1997 | 23 | 18 | 41 | 523 | 453 | 975 | 3,785 | 3,255 | 7,040 |
| 1998 | 29 | 28 | 56 | 536 | 400 | 936 | 3,009 | 2,524 | 5,534 |
| 1999 | 18 | 36 | 54 | 598 | 428 | 1,026 | 2,788 | 2,163 | 4,950 |
| 2000 | 26 | 26 | 52 | 698 | 385 | 1,083 | 2,369 | 1,864 | 4,233 |
| 2001 | 49 | 41 | 90 | 1,138 | 249 | 1,387 | 2,286 | 1,527 | 3,813 |
| 2002 | 27 | 24 | 51 | 2,108 | 217 | 2,325 | 2,226 | 1,195 | 3,421 |
| 2003 | 50 | 19 | 69 | 2,783 | 227 | 3,010 | 2,005 | 805 | 2,811 |
| 2004 | 42 | 35 | 77 | 2,947 | 256 | 3,203 | 2,452 | 814 | 3,266 |
| 2005 | 40 | 20 | 60 | 3,254 | 270 | 3,524 | 2,764 | 850 | 3,615 |
| 2006 | 57 | 24 | 80 | 3,443 | 301 | 3,744 | 3,253 | 962 | 4,215 |
| 2007 | 52 | 33 | 85 | 3,668 | 381 | 4,049 | 4,170 | 1,104 | 5,274 |
| 2008 | 40 | 18 | 58 | 3,983 | 486 | 4,469 | 5,093 | 1,514 | 6,607 |
| 2009 | 49 | 12 | 61 | 3,831 | 425 | 4,256 | 5,703 | 1,632 | 7,335 |

Table 6A, Continued

| Year | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Unadjusted) | | |
|------|----------|--------|-------|--------------------------------------|--------|-------|-------------------------|--------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 2,668 | 632 | 3,301 | 119 | 36 | 155 | 20,576 | 8,031 | 28,607 |
| 1985 | 3,053 | 847 | 3,899 | 98 | 30 | 129 | 18,994 | 8,137 | 27,131 |
| 1986 | 3,703 | 988 | 4,691 | 98 | 22 | 120 | 18,782 | 8,885 | 27,667 |
| 1987 | 4,138 | 1,283 | 5,421 | 98 | 35 | 133 | 22,785 | 12,800 | 35,585 |
| 1988 | 3,433 | 1,341 | 4,774 | 77 | 35 | 112 | 24,616 | 15,858 | 40,474 |
| 1989 | 2,791 | 1,100 | 3,892 | 93 | 38 | 131 | 27,052 | 18,774 | 45,826 |
| 1990 | 2,337 | 1,087 | 3,424 | 75 | 37 | 112 | 28,490 | 22,088 | 50,578 |
| 1991 | 1,795 | 1,013 | 2,808 | 68 | 45 | 113 | 23,599 | 19,311 | 42,950 |
| 1992 | 1,194 | 783 | 1,977 | 64 | 43 | 107 | 18,062 | 15,947 | 34,009 |
| 1993 | 918 | 449 | 1,367 | 58 | 27 | 86 | 14,092 | 12,435 | 26,527 |
| 1994 | 555 | 287 | 842 | 49 | 25 | 74 | 10,672 | 9,936 | 20,641 |
| 1995 | 430 | 269 | 699 | 18 | 38 | 56 | 8,764 | 7,778 | 16,543 |
| 1996 | 346 | 172 | 518 | 29 | 24 | 52 | 6,011 | 5,394 | 11,405 |
| 1997 | 315 | 145 | 459 | 15 | 17 | 33 | 4,660 | 3,895 | 8,556 |
| 1998 | 319 | 138 | 457 | 26 | 10 | 36 | 3,909 | 3,096 | 7,007 |
| 1999 | 399 | 139 | 538 | 30 | 13 | 43 | 3,835 | 2,777 | 6,617 |
| 2000 | 405 | 162 | 567 | 29 | 8 | 37 | 3,532 | 2,445 | 5,979 |
| 2001 | 607 | 146 | 754 | 51 | 4 | 55 | 4,134 | 1,967 | 6,103 |
| 2002 | 823 | 147 | 971 | 83 | 11 | 94 | 5,267 | 1,594 | 6,862 |
| 2003 | 1,001 | 159 | 1,160 | 119 | 8 | 127 | 5,956 | 1,217 | 7,177 |
| 2004 | 1,142 | 138 | 1,280 | 142 | 11 | 153 | 6,722 | 1,255 | 7,980 |
| 2005 | 1,182 | 188 | 1,370 | 145 | 11 | 156 | 7,383 | 1,339 | 8,724 |
| 2006 | 1,381 | 162 | 1,543 | 163 | 10 | 173 | 8,293 | 1,458 | 9,756 |
| 2007 | 1,720 | 167 | 1,887 | 164 | 7 | 171 | 9,769 | 1,692 | 11,466 |
| 2008 | 1,931 | 214 | 2,146 | 211 | 9 | 220 | 11,255 | 2,242 | 13,500 |
| 2009 | 1,965 | 147 | 2,112 | 210 | 15 | 225 | 11,764 | 2,232 | 13,997 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 97.

National Tables

Table 6B Primary and Secondary Syphilis - Rates per 100,000 Population by Race/Ethnicity and Sex: United States, 1984-2009

| Year | American Indian/Alaska Native, Non Hispanic | | | White, Non Hispanic | | | Black, Non Hispanic | | |
|------|---|--------|-------|---------------------|--------|-------|---------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 11.7 | 6.9 | 9.3 | 6.5 | 1.2 | 3.8 | 78.1 | 38.0 | 57.0 |
| 1985 | 14.9 | 8.9 | 11.8 | 5.6 | 1.4 | 3.5 | 73.0 | 35.2 | 53.0 |
| 1986 | 8.3 | 6.8 | 7.5 | 4.4 | 1.4 | 2.9 | 85.1 | 44.5 | 63.6 |
| 1987 | 6.8 | 5.8 | 6.3 | 3.8 | 1.7 | 2.8 | 111.1 | 63.4 | 85.9 |
| 1988 | 3.8 | 4.1 | 4.0 | 3.3 | 1.8 | 2.5 | 130.9 | 82.6 | 105.4 |
| 1989 | 4.4 | 3.5 | 3.9 | 3.3 | 2.0 | 2.6 | 154.0 | 102.0 | 126.5 |
| 1990 | 5.7 | 6.3 | 6.0 | 3.3 | 2.0 | 2.6 | 166.0 | 122.1 | 142.8 |
| 1991 | 3.2 | 4.3 | 3.7 | 2.4 | 1.6 | 2.0 | 138.0 | 106.0 | 121.1 |
| 1992 | 2.7 | 2.2 | 2.5 | 1.7 | 1.3 | 1.5 | 104.2 | 85.8 | 94.5 |
| 1993 | 2.0 | 1.9 | 1.9 | 1.3 | 1.1 | 1.2 | 79.9 | 66.2 | 72.7 |
| 1994 | 2.0 | 2.5 | 2.2 | 1.0 | 0.9 | 1.0 | 60.6 | 52.0 | 56.1 |
| 1995 | 2.4 | 2.3 | 2.3 | 0.8 | 0.7 | 0.8 | 48.5 | 39.3 | 43.7 |
| 1996 | 2.1 | 1.9 | 2.0 | 0.6 | 0.6 | 0.6 | 32.1 | 26.4 | 29.1 |
| 1997 | 2.1 | 1.7 | 1.9 | 0.5 | 0.5 | 0.5 | 23.8 | 18.4 | 20.9 |
| 1998 | 2.6 | 2.5 | 2.5 | 0.6 | 0.4 | 0.5 | 18.6 | 14.1 | 16.2 |
| 1999 | 1.7 | 3.1 | 2.4 | 0.6 | 0.4 | 0.5 | 16.9 | 11.9 | 14.3 |
| 2000 | 2.2 | 2.2 | 2.2 | 0.7 | 0.4 | 0.5 | 14.2 | 10.1 | 12.0 |
| 2001 | 4.2 | 3.4 | 3.8 | 1.2 | 0.2 | 0.7 | 13.5 | 8.2 | 10.7 |
| 2002 | 2.3 | 1.9 | 2.1 | 2.2 | 0.2 | 1.2 | 13.0 | 6.3 | 9.5 |
| 2003 | 4.2 | 1.5 | 2.8 | 2.8 | 0.2 | 1.5 | 11.5 | 4.2 | 7.7 |
| 2004 | 3.5 | 2.8 | 3.1 | 3.0 | 0.3 | 1.6 | 13.9 | 4.2 | 8.8 |
| 2005 | 3.3 | 1.6 | 2.4 | 3.3 | 0.3 | 1.8 | 15.5 | 4.4 | 9.7 |
| 2006 | 4.7 | 1.9 | 3.2 | 3.5 | 0.3 | 1.9 | 18.1 | 4.9 | 11.2 |
| 2007 | 4.2 | 2.6 | 3.4 | 3.7 | 0.4 | 2.0 | 22.9 | 5.5 | 13.8 |
| 2008 | 3.1 | 1.4 | 2.3 | 4.0 | 0.5 | 2.2 | 27.9 | 7.6 | 17.2 |
| 2009 | 3.9 | 0.9 | 2.4 | 3.9 | 0.4 | 2.1 | 31.3 | 8.2 | 19.2 |

Table 6B, Continued

| Year | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Unadjusted) | | |
|------|----------|--------|-------|--------------------------------------|--------|-------|-------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1984 | 34.2 | 8.5 | 21.6 | 4.8 | 1.4 | 3.0 | 17.9 | 6.8 | 12.1 |
| 1985 | 32.3 | 9.3 | 21.0 | 3.3 | 1.0 | 2.1 | 16.4 | 6.7 | 11.4 |
| 1986 | 35.6 | 9.8 | 22.9 | 3.1 | 0.7 | 1.9 | 16.1 | 7.2 | 11.5 |
| 1987 | 37.6 | 12.1 | 25.1 | 2.9 | 1.0 | 1.9 | 19.3 | 10.3 | 14.7 |
| 1988 | 30.9 | 12.5 | 21.9 | 2.2 | 1.0 | 1.6 | 20.7 | 12.6 | 16.6 |
| 1989 | 24.8 | 10.1 | 17.6 | 2.7 | 1.0 | 1.8 | 22.5 | 14.8 | 18.6 |
| 1990 | 20.3 | 9.8 | 15.2 | 2.2 | 1.0 | 1.6 | 23.4 | 17.3 | 20.3 |
| 1991 | 15.0 | 8.8 | 11.9 | 1.9 | 1.2 | 1.5 | 19.1 | 14.9 | 17.0 |
| 1992 | 9.5 | 6.5 | 8.0 | 1.7 | 1.0 | 1.3 | 14.4 | 12.1 | 13.3 |
| 1993 | 7.0 | 3.6 | 5.3 | 1.4 | 0.6 | 1.0 | 11.1 | 8.4 | 10.2 |
| 1994 | 4.0 | 2.2 | 3.1 | 1.1 | 0.6 | 0.8 | 8.3 | 7.4 | 7.8 |
| 1995 | 3.0 | 2.0 | 2.5 | 0.4 | 0.8 | 0.6 | 6.7 | 5.7 | 6.2 |
| 1996 | 2.3 | 1.2 | 1.8 | 0.6 | 0.5 | 0.5 | 4.6 | 3.9 | 4.2 |
| 1997 | 2.0 | 1.0 | 1.5 | 0.3 | 0.3 | 0.3 | 3.5 | 2.8 | 3.1 |
| 1998 | 1.9 | 0.9 | 1.4 | 0.5 | 0.2 | 0.3 | 2.9 | 2.2 | 2.5 |
| 1999 | 2.3 | 0.8 | 1.6 | 0.6 | 0.2 | 0.4 | 2.8 | 2.0 | 2.4 |
| 2000 | 2.2 | 0.9 | 1.6 | 0.5 | 0.1 | 0.3 | 2.6 | 1.7 | 2.1 |
| 2001 | 3.2 | 0.8 | 2.0 | 0.9 | 0.1 | 0.5 | 3.0 | 1.4 | 2.1 |
| 2002 | 4.1 | 0.8 | 2.5 | 1.4 | 0.2 | 0.8 | 3.7 | 1.1 | 2.4 |
| 2003 | 4.9 | 0.8 | 2.9 | 1.9 | 0.1 | 1.0 | 4.2 | 0.8 | 2.5 |
| 2004 | 5.4 | 0.7 | 3.1 | 2.2 | 0.2 | 1.2 | 4.7 | 0.8 | 2.7 |
| 2005 | 5.4 | 0.9 | 3.2 | 2.2 | 0.2 | 1.1 | 5.1 | 0.9 | 2.9 |
| 2006 | 6.0 | 0.8 | 3.5 | 2.4 | 0.1 | 1.2 | 5.6 | 1.0 | 3.3 |
| 2007 | 7.3 | 0.8 | 4.2 | 2.4 | 0.1 | 1.2 | 6.6 | 1.1 | 3.8 |
| 2008 | 8.0 | 0.9 | 4.6 | 3.0 | 0.1 | 1.5 | 7.5 | 1.5 | 4.4 |
| 2009 | 8.1 | 0.6 | 4.5 | 3.0 | 0.2 | 1.6 | 7.8 | 1.4 | 4.6 |

Note: Table notes on page 97.

National Tables

Table 7A Primary and Secondary Syphilis - Reported Cases by Race/Ethnicity, Age Group, and Sex: United States, 2009

| Age Group | American Indian/Alaska Native, Non Hispanic | | | White, Non-Hispanic | | | Black, Non-Hispanic | | |
|-----------|---|--------|-------|---------------------|--------|-------|---------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 13 | 16 |
| 15-19 | 2 | 1 | 3 | 70 | 37 | 108 | 489 | 286 | 774 |
| 20-24 | 10 | 2 | 12 | 360 | 80 | 440 | 1,470 | 452 | 1,922 |
| 25-29 | 10 | 3 | 13 | 452 | 64 | 516 | 1,152 | 284 | 1,436 |
| 30-34 | 7 | 2 | 9 | 469 | 58 | 527 | 723 | 206 | 929 |
| 35-39 | 9 | 2 | 11 | 531 | 62 | 592 | 557 | 114 | 671 |
| 40-44 | 5 | 0 | 5 | 694 | 43 | 737 | 499 | 111 | 610 |
| 45-54 | 3 | 2 | 5 | 931 | 71 | 1,003 | 625 | 130 | 755 |
| 55-64 | 1 | 0 | 1 | 276 | 9 | 286 | 156 | 28 | 184 |
| 65+ | 0 | 0 | 0 | 48 | 0 | 48 | 29 | 7 | 36 |
| All Ages | 49 | 12 | 61 | 3,831 | 425 | 4,256 | 5,703 | 1,632 | 7,335 |

| Age Group | Hispanic | | | Asian/Pacific Islander, Non-Hispanic | | | Total U.S. (Adjusted) | | |
|-----------|----------|--------|-------|--------------------------------------|--------|-------|-----------------------|--------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 1 | 1 | 2 | 0 | 0 | 0 | 4 | 15 | 19 |
| 15-19 | 92 | 19 | 111 | 8 | 1 | 9 | 661 | 344 | 1,005 |
| 20-24 | 366 | 34 | 400 | 35 | 2 | 37 | 2,242 | 570 | 2,812 |
| 25-29 | 381 | 22 | 403 | 32 | 3 | 35 | 2,028 | 377 | 2,405 |
| 30-34 | 327 | 19 | 346 | 43 | 2 | 45 | 1,571 | 286 | 1,857 |
| 35-39 | 269 | 22 | 290 | 43 | 4 | 47 | 1,409 | 203 | 1,612 |
| 40-44 | 256 | 12 | 268 | 22 | 1 | 23 | 1,476 | 167 | 1,643 |
| 45-54 | 229 | 12 | 241 | 26 | 2 | 28 | 1,815 | 218 | 2,033 |
| 55-64 | 38 | 5 | 43 | 2 | 0 | 2 | 475 | 42 | 517 |
| 65+ | 6 | 0 | 6 | 0 | 0 | 0 | 83 | 7 | 90 |
| All Ages | 1,965 | 147 | 2,112 | 210 | 15 | 225 | 11,765 | 2,232 | 13,997 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 97.

Table 7B Primary and Secondary Syphilis - Rates per 100,000 Population by Race/Ethnicity, Age Group, and Sex: United States, 2009

| Age Group | American Indian/Alaska Native, Non Hispanic | | | White, Non Hispanic | | | Black, Non Hispanic | | |
|-----------|---|--------|-------|---------------------|--------|-------|---------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.9 | 0.5 |
| 15-19 | 1.8 | 0.9 | 1.3 | 1.1 | 0.6 | 0.8 | 28.3 | 17.1 | 22.8 |
| 20-24 | 9.1 | 1.9 | 5.5 | 5.4 | 1.3 | 3.4 | 94.2 | 29.6 | 62.2 |
| 25-29 | 10.1 | 3.1 | 6.6 | 7.0 | 1.0 | 4.0 | 79.2 | 19.0 | 48.7 |
| 30-34 | 8.8 | 2.5 | 5.7 | 8.1 | 1.0 | 4.6 | 59.9 | 15.5 | 36.7 |
| 35-39 | 11.4 | 2.5 | 6.9 | 8.1 | 1.0 | 4.6 | 44.6 | 8.2 | 25.4 |
| 40-44 | 6.3 | 0.0 | 3.1 | 9.9 | 0.6 | 5.2 | 39.6 | 7.7 | 22.7 |
| 45-54 | 1.9 | 1.1 | 1.5 | 6.0 | 0.4 | 3.2 | 26.0 | 4.7 | 14.5 |
| 55-64 | 0.9 | 0.0 | 0.4 | 2.2 | 0.1 | 1.1 | 10.3 | 1.5 | 5.4 |
| 65+ | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.2 | 2.3 | 0.3 | 1.1 |
| All Ages | 3.9 | 0.9 | 2.4 | 3.9 | 0.4 | 2.1 | 31.3 | 8.2 | 19.2 |

| Age Group | Hispanic | | | Asian/Pacific Islander, Non Hispanic | | | Total U.S. (Adjusted) | | |
|-----------|----------|--------|-------|--------------------------------------|--------|-------|-----------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 |
| 15-19 | 4.7 | 1.0 | 2.9 | 1.7 | 0.2 | 1.0 | 6.0 | 3.3 | 4.7 |
| 20-24 | 18.9 | 2.0 | 11.0 | 7.2 | 0.4 | 3.9 | 20.7 | 5.6 | 13.4 |
| 25-29 | 16.7 | 1.2 | 9.8 | 5.7 | 0.5 | 3.1 | 18.5 | 3.6 | 11.3 |
| 30-34 | 14.8 | 1.0 | 8.6 | 6.8 | 0.3 | 3.5 | 15.8 | 3.0 | 9.5 |
| 35-39 | 13.5 | 1.2 | 7.8 | 6.5 | 0.6 | 3.5 | 13.3 | 1.9 | 7.7 |
| 40-44 | 14.8 | 0.8 | 8.2 | 3.8 | 0.2 | 2.0 | 13.7 | 1.6 | 7.6 |
| 45-54 | 9.0 | 0.5 | 4.9 | 2.7 | 0.2 | 1.4 | 8.3 | 1.0 | 4.6 |
| 55-64 | 2.8 | 0.3 | 1.5 | 0.3 | 0.0 | 0.1 | 2.9 | 0.2 | 1.5 |
| 65+ | 0.6 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.2 |
| All Ages | 8.1 | 0.6 | 4.5 | 3.0 | 0.2 | 1.6 | 7.8 | 1.4 | 4.6 |

Note: Table notes on page 97.

IHS Area Tables

Table 8A Chlamydia - Reported Cases by Sex - Indian Health Service Areas
(American Indians and Alaska Natives) and the United States (All Races), 1998-2009

| Year | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 258 | 886 | 1,144 | 134 | 747 | 881 | 0 | 1 | 1 | 46 | 299 | 345 |
| 1999 | 232 | 944 | 1,176 | 157 | 804 | 961 | 43 | 301 | 344 | 47 | 398 | 445 |
| 2000 | 295 | 957 | 1,252 | 229 | 977 | 1,206 | 56 | 336 | 392 | 68 | 405 | 473 |
| 2001 | 295 | 973 | 1,268 | 218 | 1,046 | 1,264 | 59 | 390 | 449 | 82 | 481 | 563 |
| 2002 | 346 | 1,136 | 1,482 | 376 | 1,237 | 1,613 | 73 | 496 | 569 | 53 | 416 | 469 |
| 2003 | 475 | 1,418 | 1,893 | 414 | 1,384 | 1,798 | 88 | 498 | 586 | 76 | 558 | 635 |
| 2004 | 481 | 1,509 | 1,989 | 436 | 1,358 | 1,793 | 64 | 351 | 416 | 100 | 605 | 704 |
| 2005 | 490 | 1,385 | 1,874 | 560 | 1,557 | 2,117 | 54 | 176 | 230 | 125 | 598 | 722 |
| 2006 | 420 | 1,420 | 1,840 | 552 | 1,750 | 2,302 | 66 | 295 | 361 | 86 | 625 | 711 |
| 2007 | 391 | 1,332 | 1,723 | 590 | 1,804 | 2,394 | 97 | 427 | 524 | 102 | 593 | 695 |
| 2008 | 424 | 1,652 | 2,077 | 633 | 1,850 | 2,483 | 84 | 411 | 494 | 107 | 599 | 706 |
| 2009 | 454 | 1,731 | 2,185 | 723 | 1,891 | 2,614 | 95 | 426 | 521 | 114 | 577 | 691 |

| Year | Billings | | | California | | | Nashville | | | Navajo | | |
|------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 5 | 54 | 59 | | | | 45 | 140 | 185 | 84 | 707 | 791 |
| 1999 | 8 | 58 | 66 | | | | 43 | 154 | 196 | 131 | 1,039 | 1,170 |
| 2000 | 175 | 524 | 699 | | | | 24 | 203 | 227 | 201 | 1,254 | 1,455 |
| 2001 | 237 | 673 | 910 | | | | 40 | 204 | 245 | 177 | 1,107 | 1,284 |
| 2002 | 323 | 844 | 1,167 | 67 | 209 | 276 | 43 | 258 | 301 | 218 | 1,130 | 1,347 |
| 2003 | 271 | 769 | 1,040 | 70 | 269 | 339 | 54 | 272 | 325 | 284 | 1,314 | 1,598 |
| 2004 | 264 | 692 | 956 | 68 | 255 | 322 | 55 | 352 | 407 | 385 | 1,651 | 2,036 |
| 2005 | 204 | 589 | 793 | 89 | 268 | 358 | 62 | 353 | 414 | 374 | 1,432 | 1,806 |
| 2006 | 248 | 637 | 885 | 61 | 288 | 350 | 161 | 456 | 618 | 375 | 1,659 | 2,034 |
| 2007 | 215 | 580 | 795 | 75 | 324 | 398 | 71 | 320 | 391 | 365 | 1,501 | 1,866 |
| 2008 | 289 | 730 | 1,018 | 83 | 321 | 404 | 78 | 349 | 428 | 407 | 1,696 | 2,103 |
| 2009 | 278 | 697 | 975 | 80 | 267 | 348 | 77 | 411 | 488 | 403 | 1,605 | 2,008 |

Table 8A, Continued

| Year | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|------|---------------|--------|--------|-------------------------|---------|-----------|----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 95 | 998 | 1,092 | 96 | 1,041 | 1,136 | 102 | 554 | 656 | 7 | 92 | 98 |
| 1999 | 90 | 939 | 1,029 | 124 | 967 | 1,090 | 103 | 607 | 711 | 6 | 86 | 93 |
| 2000 | 103 | 931 | 1,034 | 159 | 1,218 | 1,376 | 109 | 625 | 734 | 4 | 104 | 108 |
| 2001 | 106 | 1,173 | 1,279 | 148 | 1,056 | 1,204 | 115 | 655 | 770 | 18 | 121 | 139 |
| 2002 | 111 | 1,198 | 1,310 | 196 | 1,288 | 1,485 | 137 | 627 | 764 | 9 | 102 | 111 |
| 2003 | 126 | 1,112 | 1,238 | 220 | 1,128 | 1,348 | 138 | 778 | 916 | 17 | 95 | 112 |
| 2004 | 134 | 976 | 1,110 | 327 | 1,462 | 1,790 | 154 | 851 | 1,005 | 12 | 114 | 126 |
| 2005 | 199 | 1,288 | 1,487 | 311 | 1,442 | 1,753 | 174 | 879 | 1,053 | 21 | 110 | 131 |
| 2006 | 222 | 1,299 | 1,521 | 270 | 1,509 | 1,779 | 150 | 807 | 957 | 28 | 184 | 212 |
| 2007 | 241 | 1,335 | 1,576 | 269 | 1,473 | 1,743 | 179 | 808 | 987 | 77 | 328 | 405 |
| 2008 | 299 | 1,681 | 1,980 | 367 | 1,650 | 2,017 | 240 | 980 | 1,219 | 54 | 270 | 323 |
| 2009 | 310 | 1,600 | 1,910 | 319 | 1,575 | 1,894 | 217 | 1,043 | 1,261 | 55 | 253 | 307 |
| Year | Total IHS | | | Total U.S. (Unadjusted) | | | | | | | | |
| | Male | Female | Total | Male | Female | Total | | | | | | |
| 1998 | 872 | 5,519 | 6,388 | 106,671 | 505,533 | 614,250 | | | | | | |
| 1999 | 984 | 6,297 | 7,281 | 120,430 | 539,894 | 662,647 | | | | | | |
| 2000 | 1,423 | 7,534 | 8,956 | 137,957 | 569,658 | 709,452 | | | | | | |
| 2001 | 1,495 | 7,879 | 9,375 | 157,304 | 623,958 | 783,242 | | | | | | |
| 2002 | 1,952 | 8,941 | 10,894 | 179,585 | 652,858 | 834,555 | | | | | | |
| 2003 | 2,233 | 9,595 | 11,828 | 190,244 | 685,017 | 877,478 | | | | | | |
| 2004 | 2,480 | 10,176 | 12,654 | 210,396 | 716,675 | 929,462 | | | | | | |
| 2005 | 2,663 | 10,077 | 12,738 | 232,781 | 740,371 | 976,445 | | | | | | |
| 2006 | 2,639 | 10,929 | 13,570 | 252,630 | 775,788 | 1,030,911 | | | | | | |
| 2007 | 2,672 | 10,825 | 13,497 | 280,337 | 825,660 | 1,108,374 | | | | | | |
| 2008 | 3,065 | 12,189 | 15,252 | 313,779 | 893,004 | 1,210,523 | | | | | | |
| 2009 | 3,125 | 12,076 | 15,202 | 328,783 | 912,718 | 1,244,180 | | | | | | |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 97. *Male or female case counts between 1 and 4 (with corresponding totals).

IHS Area Tables

Table 8B Chlamydia - Rates per 100,000 Population by Sex - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 1998-2009

| Year | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|------|----------|---------|---------|---------|---------|---------|-------------|---------|-------|---------|---------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 554.8 | 1,814.3 | 1,199.9 | 256.8 | 1,441.8 | 847.2 | 0.0 | 30.8 | 15.5 | 150.5 | 969.2 | 561.7 |
| 1999 | 485.1 | 1,881.7 | 1,200.1 | 295.6 | 1,528.3 | 908.9 | 103.2 | 673.8 | 398.4 | 143.1 | 1,200.6 | 674.3 |
| 2000 | 598.3 | 1,854.9 | 1,240.8 | 424.3 | 1,828.9 | 1,123.0 | 129.8 | 725.6 | 438.2 | 198.5 | 1,177.7 | 689.1 |
| 2001 | 596.2 | 1,872.6 | 1,250.0 | 401.3 | 1,939.4 | 1,167.6 | 136.6 | 838.9 | 500.7 | 154.5 | 905.3 | 530.0 |
| 2002 | 694.5 | 2,166.9 | 1,449.5 | 685.7 | 2,275.1 | 1,477.1 | 155.8 | 985.9 | 585.6 | 151.0 | 1,175.2 | 665.3 |
| 2003 | 946.9 | 2,693.6 | 1,841.3 | 740.1 | 2,503.3 | 1,616.5 | 195.4 | 1,027.4 | 626.8 | 141.7 | 1,034.0 | 590.2 |
| 2004 | 938.3 | 2,786.7 | 1,886.8 | 774.3 | 2,435.0 | 1,599.8 | 137.5 | 697.4 | 429.4 | 184.7 | 1,113.2 | 649.0 |
| 2005 | 943.9 | 2,533.4 | 1,758.2 | 978.0 | 2,756.6 | 1,861.2 | 113.4 | 341.0 | 231.7 | 232.7 | 1,114.2 | 672.3 |
| 2006 | 817.4 | 2,636.2 | 1,748.3 | 984.1 | 3,160.8 | 2,065.4 | 140.1 | 579.0 | 368.1 | 157.0 | 1,135.3 | 647.4 |
| 2007 | 766.8 | 2,483.5 | 1,646.9 | 1,055.2 | 3,250.5 | 2,148.8 | 202.9 | 828.3 | 527.4 | 186.3 | 1,077.9 | 633.2 |
| 2008 | 799.5 | 2,963.3 | 1,909.4 | 1,123.7 | 3,319.6 | 2,215.7 | 165.8 | 753.7 | 469.6 | 186.1 | 1,038.8 | 613.1 |
| 2009 | 856.1 | 3,105.0 | 2,008.6 | 1,283.4 | 3,393.2 | 2,332.6 | 187.5 | 781.2 | 495.3 | 198.3 | 1,000.7 | 600.1 |

| Year | Billings | | | California | | | Nashville | | | Navajo | | |
|------|----------|---------|---------|------------|--------|-------|-----------|--------|-------|--------|---------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 131.3 | 1,418.4 | 774.9 | | | | 210.3 | 652.8 | 431.8 | 138.5 | 1,117.6 | 638.5 |
| 1999 | 202.3 | 1,462.8 | 833.4 | | | | 146.8 | 525.3 | 334.5 | 124.1 | 936.7 | 540.5 |
| 2000 | 606.6 | 1,781.1 | 1,199.6 | | | | 59.0 | 510.4 | 282.2 | 188.6 | 1,116.4 | 664.7 |
| 2001 | 816.2 | 2,270.0 | 1,550.7 | | | | 96.2 | 501.9 | 298.0 | 164.3 | 972.1 | 579.5 |
| 2002 | 1,094.9 | 2,796.0 | 1,955.2 | 79.4 | 249.9 | 164.2 | 80.7 | 491.4 | 284.5 | 197.1 | 965.3 | 591.6 |
| 2003 | 898.3 | 2,484.4 | 1,701.5 | 81.8 | 316.0 | 198.6 | 99.5 | 511.4 | 302.5 | 252.4 | 1,102.9 | 689.8 |
| 2004 | 875.9 | 2,241.4 | 1,566.9 | 77.7 | 292.0 | 184.1 | 98.2 | 641.1 | 367.0 | 346.3 | 1,400.6 | 888.8 |
| 2005 | 673.0 | 1,875.4 | 1,284.9 | 99.3 | 300.4 | 200.2 | 111.3 | 645.9 | 375.1 | 330.4 | 1,189.5 | 773.2 |
| 2006 | 813.0 | 2,030.4 | 1,430.3 | 66.0 | 312.1 | 189.6 | 273.2 | 787.3 | 528.9 | 340.0 | 1,421.8 | 896.1 |
| 2007 | 705.4 | 1,872.4 | 1,293.6 | 80.6 | 347.0 | 213.5 | 118.4 | 540.5 | 328.1 | 342.7 | 1,328.9 | 850.3 |
| 2008 | 915.1 | 2,268.3 | 1,596.5 | 84.0 | 324.4 | 204.2 | 121.2 | 548.2 | 334.4 | 373.3 | 1,462.2 | 934.6 |
| 2009 | 880.3 | 2,165.8 | 1,529.1 | 80.9 | 269.8 | 175.9 | 119.7 | 645.6 | 381.3 | 369.6 | 1,383.8 | 892.4 |

Table 8B, Continued

| Year | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|------|---------------|--------|-------|---------|---------|-------|-----------|---------|-------|-------------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 63.1 | 639.4 | 356.1 | 121.8 | 1,281.4 | 709.9 | 123.0 | 660.3 | 393.2 | 46.1 | 576.7 | 314.7 |
| 1999 | 58.5 | 588.2 | 328.1 | 151.2 | 1,146.7 | 655.3 | 121.1 | 704.4 | 415.3 | 38.4 | 524.2 | 290.4 |
| 2000 | 66.1 | 576.6 | 325.8 | 186.8 | 1,390.2 | 796.7 | 125.6 | 711.2 | 420.2 | 24.7 | 612.1 | 325.5 |
| 2001 | 67.8 | 725.1 | 402.1 | 166.4 | 1,151.0 | 666.2 | 131.2 | 738.8 | 436.8 | 106.8 | 681.2 | 401.5 |
| 2002 | 70.5 | 736.0 | 409.2 | 208.4 | 1,323.7 | 776.0 | 155.1 | 701.8 | 430.0 | 52.1 | 559.0 | 312.6 |
| 2003 | 79.8 | 680.8 | 385.4 | 226.6 | 1,121.1 | 681.9 | 154.6 | 862.1 | 510.2 | 95.9 | 511.2 | 308.5 |
| 2004 | 84.0 | 590.8 | 341.8 | 337.3 | 1,459.9 | 908.2 | 171.3 | 940.8 | 557.3 | 69.5 | 633.7 | 357.4 |
| 2005 | 123.6 | 770.7 | 453.1 | 307.0 | 1,376.7 | 850.9 | 191.0 | 961.3 | 576.8 | 116.4 | 586.5 | 356.0 |
| 2006 | 138.2 | 775.5 | 463.5 | 268.3 | 1,447.2 | 868.2 | 163.9 | 879.5 | 522.2 | 159.0 | 998.8 | 588.3 |
| 2007 | 151.0 | 805.5 | 484.4 | 254.2 | 1,344.9 | 809.4 | 194.3 | 870.1 | 533.5 | 435.9 | 1,771.6 | 1,119.4 |
| 2008 | 182.1 | 987.2 | 592.0 | 318.6 | 1,389.5 | 862.2 | 243.2 | 987.4 | 615.8 | 273.4 | 1,307.9 | 799.7 |
| 2009 | 188.8 | 939.6 | 571.1 | 276.9 | 1,326.3 | 809.6 | 219.9 | 1,050.9 | 637.0 | 278.5 | 1,225.6 | 760.1 |
| | | | | | | | | | | | | |
| Year | | | | | | | Total IHS | | | Total U.S. (Unadjusted) | | |
| | | | | | | | Male | Female | Total | Male | Female | Total |
| 1998 | | | | | | | 159.8 | 984.8 | 577.5 | 82.2 | 374.1 | 231.8 |
| 1999 | | | | | | | 151.2 | 938.0 | 550.7 | 91.6 | 395.1 | 247.2 |
| 2000 | | | | | | | 203.1 | 1,044.7 | 629.8 | 99.6 | 396.3 | 251.4 |
| 2001 | | | | | | | 205.3 | 1,051.1 | 634.4 | 112.3 | 429.6 | 274.5 |
| 2002 | | | | | | | 237.6 | 1,059.9 | 654.3 | 126.8 | 445.0 | 289.4 |
| 2003 | | | | | | | 263.0 | 1,100.9 | 687.4 | 133.0 | 463.6 | 301.7 |
| 2004 | | | | | | | 289.5 | 1,157.2 | 728.9 | 145.6 | 480.6 | 316.3 |
| 2005 | | | | | | | 305.8 | 1,127.0 | 721.7 | 159.4 | 492.2 | 329.4 |
| 2006 | | | | | | | 302.7 | 1,220.5 | 767.8 | 171.3 | 510.8 | 344.3 |
| 2007 | | | | | | | 305.5 | 1,204.3 | 761.0 | 188.6 | 539.8 | 367.5 |
| 2008 | | | | | | | 333.5 | 1,292.1 | 818.9 | 209.3 | 579.4 | 398.1 |
| 2009 | | | | | | | 340.0 | 1,280.1 | 816.2 | 219.3 | 592.2 | 409.2 |

Note: Table notes on page 97.

IHS Area Tables

Table 9A Chlamydia - Reported Cases by Sex and Age Group - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 2009

| Age Group | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|-----------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 12 | 12 | 2 | 19 | 21 | 0 | 3 | 3 | 0 | 11 | 11 |
| 15-19 | 113 | 523 | 636 | 137 | 600 | 737 | 13 | 76 | 89 | 33 | 231 | 264 |
| 20-24 | 165 | 575 | 740 | 281 | 713 | 994 | 26 | 138 | 164 | 46 | 210 | 256 |
| 25-29 | 84 | 255 | 339 | 148 | 298 | 446 | 13 | 73 | 86 | 15 | 96 | 111 |
| 30-34 | 28 | 97 | 125 | 86 | 127 | 213 | 14 | 46 | 60 | 10 | 26 | 36 |
| 35-39 | 10 | 32 | 42 | 29 | 66 | 95 | 6 | 23 | 29 | 5 | 16 | 21 |
| 40-44 | 7 | 23 | 30 | 15 | 36 | 51 | 3 | 10 | 13 | 4 | 1 | 5 |
| 45-54 | 4 | 6 | 10 | 20 | 34 | 54 | 1 | 6 | 7 | 0 | 3 | 3 |
| 55-64 | 3 | 3 | 6 | 6 | 7 | 13 | 0 | 1 | 1 | 1 | 0 | 1 |
| 65+ | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Ages | 415 | 1,527 | 1,942 | 725 | 1,900 | 2,625 | 76 | 376 | 452 | 114 | 594 | 708 |

| Age Group | Billings | | | California | | | Nashville | | | Navajo | | |
|-----------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 2 | 18 | 20 | 0 | 4 | 4 | 1 | 8 | 9 | 2 | 21 | 23 |
| 15-19 | 87 | 300 | 387 | 17 | 82 | 99 | 18 | 156 | 174 | 69 | 361 | 430 |
| 20-24 | 115 | 281 | 396 | 34 | 116 | 150 | 35 | 159 | 194 | 130 | 524 | 654 |
| 25-29 | 56 | 98 | 154 | 11 | 36 | 47 | 13 | 50 | 63 | 85 | 337 | 422 |
| 30-34 | 20 | 45 | 65 | 8 | 16 | 24 | 7 | 26 | 33 | 42 | 137 | 179 |
| 35-39 | 10 | 17 | 27 | 5 | 5 | 10 | 1 | 4 | 5 | 21 | 86 | 107 |
| 40-44 | 6 | 3 | 9 | 4 | 4 | 8 | 1 | 7 | 8 | 16 | 41 | 57 |
| 45-54 | 5 | 4 | 9 | 0 | 2 | 2 | 0 | 3 | 3 | 16 | 30 | 46 |
| 55-64 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | 12 |
| 65+ | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| All Ages | 301 | 768 | 1,069 | 79 | 265 | 344 | 76 | 413 | 489 | 387 | 1,551 | 1,938 |

Table 9A, Continued

| Age Group | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|-----------|---------------|--------|-------|---------|--------|-------|----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 29 | 29 | 4 | 17 | 21 | 0 | 14 | 14 | 3 | 3 | 6 |
| 15-19 | 79 | 564 | 643 | 92 | 421 | 513 | 51 | 367 | 418 | 20 | 99 | 119 |
| 20-24 | 146 | 488 | 634 | 105 | 543 | 648 | 84 | 338 | 422 | 22 | 101 | 123 |
| 25-29 | 42 | 209 | 251 | 51 | 255 | 306 | 40 | 157 | 197 | 8 | 52 | 60 |
| 30-34 | 15 | 74 | 89 | 30 | 118 | 148 | 13 | 43 | 56 | 4 | 17 | 21 |
| 35-39 | 2 | 31 | 33 | 14 | 67 | 81 | 5 | 24 | 29 | 0 | 9 | 9 |
| 40-44 | 3 | 13 | 16 | 8 | 27 | 35 | 2 | 17 | 19 | 0 | 2 | 2 |
| 45-54 | 3 | 6 | 9 | 6 | 20 | 26 | 6 | 7 | 13 | 1 | 2 | 3 |
| 55-64 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 3 | 3 | 1 | 0 | 1 |
| 65+ | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| All Ages | 291 | 1,419 | 1,710 | 313 | 1,471 | 1,784 | 202 | 971 | 1,173 | 59 | 285 | 344 |

| Age Group | Total IHS | | | Total U.S. (Adjusted) | | |
|-----------|-----------|--------|--------|-----------------------|---------|-----------|
| | Male | Female | Total | Male | Female | Total |
| 10-14 | 14 | 159 | 173 | 1,414 | 12,520 | 13,934 |
| 15-19 | 729 | 3,780 | 4,509 | 81,110 | 349,145 | 430,255 |
| 20-24 | 1,189 | 4,186 | 5,375 | 121,536 | 334,382 | 455,918 |
| 25-29 | 566 | 1,916 | 2,482 | 62,721 | 128,249 | 190,970 |
| 30-34 | 277 | 772 | 1,049 | 28,481 | 49,325 | 77,806 |
| 35-39 | 108 | 380 | 488 | 14,930 | 21,450 | 36,380 |
| 40-44 | 69 | 184 | 253 | 8,796 | 9,514 | 18,311 |
| 45-54 | 62 | 123 | 185 | 7,856 | 7,216 | 15,072 |
| 55-64 | 14 | 27 | 41 | 1,795 | 1,579 | 3,374 |
| 65+ | 5 | 3 | 8 | 475 | 474 | 948 |
| All Ages | 3,038 | 11,540 | 14,578 | 329,490 | 914,690 | 1,244,180 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 97. Male or female case counts between 1 and 4 (with corresponding totals).

IHS Area Tables

Table 9B Chlamydia - Rates per 100,000 Population by Sex and Age Group - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 2009

| Age Group | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|-----------|----------|----------|---------|---------|----------|---------|-------------|---------|---------|---------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 220.4 | 109.3 | 39.9 | 402.2 | 215.8 | 0.0 | 72.2 | 35.9 | 0.0 | 232.0 | 112.2 |
| 15-19 | 1,965.2 | 9,237.0 | 5,573.1 | 2,331.1 | 10,855.8 | 6,462.6 | 281.3 | 1,585.6 | 945.3 | 593.0 | 4,356.8 | 2,429.4 |
| 20-24 | 3,432.5 | 12,239.3 | 7,785.4 | 5,422.6 | 14,950.7 | 9,988.9 | 553.4 | 2,823.8 | 1,711.0 | 869.9 | 4,281.3 | 2,511.5 |
| 25-29 | 2,043.3 | 5,911.0 | 4,023.7 | 3,241.3 | 7,018.4 | 5,061.3 | 289.7 | 1,538.5 | 931.5 | 319.5 | 2,147.2 | 1,211.0 |
| 30-34 | 942.4 | 2,842.1 | 1,958.0 | 2,487.7 | 3,725.4 | 3,102.2 | 371.9 | 1,184.7 | 784.6 | 279.2 | 760.2 | 514.1 |
| 35-39 | 353.4 | 1,015.6 | 702.2 | 863.4 | 1,988.6 | 1,422.6 | 181.7 | 683.9 | 435.1 | 142.6 | 460.0 | 300.7 |
| 40-44 | 243.5 | 749.4 | 504.7 | 390.9 | 965.4 | 674.1 | 96.9 | 289.2 | 198.4 | 113.6 | 26.3 | 68.3 |
| 45-54 | 76.6 | 103.5 | 90.7 | 291.7 | 469.1 | 382.9 | 17.2 | 90.0 | 56.2 | 0.0 | 40.5 | 20.6 |
| 55-64 | 98.2 | 82.5 | 89.7 | 142.8 | 153.1 | 148.2 | 0.0 | 23.8 | 12.8 | 23.1 | 0.0 | 11.1 |
| 65+ | 0.0 | 29.4 | 17.2 | 29.1 | 0.0 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Ages | 782.5 | 2,739.1 | 1,785.3 | 1,287.0 | 3,409.4 | 2,342.4 | 150.0 | 689.5 | 429.7 | 198.3 | 1,030.2 | 614.9 |

| Age Group | Billings | | | California | | | Nashville | | | Navajo | | |
|-----------|----------|---------|---------|------------|---------|-------|-----------|---------|---------|---------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 68.3 | 644.0 | 349.3 | 0.0 | 51.1 | 24.8 | 20.8 | 167.5 | 93.8 | 19.7 | 211.4 | 114.5 |
| 15-19 | 2,622.1 | 9,407.3 | 5,947.4 | 182.7 | 919.7 | 543.4 | 333.4 | 3,050.4 | 1,655.1 | 574.2 | 2,971.4 | 1,779.4 |
| 20-24 | 3,900.9 | 9,398.0 | 6,668.9 | 353.2 | 1,215.0 | 782.3 | 671.3 | 3,300.8 | 1,934.0 | 1,223.9 | 4,952.3 | 3,084.5 |
| 25-29 | 2,336.3 | 4,377.0 | 3,321.8 | 116.8 | 407.3 | 257.4 | 266.1 | 1,176.5 | 689.7 | 1,002.1 | 4,195.7 | 2,555.4 |
| 30-34 | 1,130.6 | 2,625.4 | 1,866.2 | 111.2 | 242.2 | 173.9 | 167.5 | 660.4 | 406.7 | 663.1 | 2,197.3 | 1,424.1 |
| 35-39 | 591.4 | 900.9 | 754.6 | 78.9 | 80.9 | 79.9 | 22.8 | 96.5 | 58.7 | 353.5 | 1,312.4 | 856.5 |
| 40-44 | 339.2 | 147.6 | 236.7 | 64.1 | 63.3 | 63.7 | 22.3 | 156.1 | 89.1 | 247.8 | 565.8 | 416.0 |
| 45-54 | 138.2 | 102.4 | 119.6 | 0.0 | 15.6 | 8.1 | 0.0 | 35.1 | 17.6 | 125.5 | 207.2 | 168.9 |
| 55-64 | 0.0 | 41.6 | 21.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.5 | 108.6 | 70.4 |
| 65+ | 0.0 | 45.0 | 25.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.0 | 9.3 | 10.8 |
| All Ages | 953.1 | 2,386.4 | 1,676.5 | 79.9 | 267.8 | 173.9 | 118.1 | 648.8 | 382.0 | 355.0 | 1,337.2 | 861.3 |

Table 9B, Continued

| Age Group | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|-----------|---------------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 206.4 | 101.8 | 39.8 | 172.8 | 105.6 | 0.0 | 191.9 | 93.9 | 176.3 | 187.7 | 181.8 |
| 15-19 | 495.8 | 3,677.6 | 2,056.2 | 849.0 | 3,818.2 | 2,346.5 | 584.4 | 4,330.4 | 2,430.0 | 1,042.8 | 5,398.0 | 3,171.6 |
| 20-24 | 951.1 | 3,246.0 | 2,086.6 | 1,047.9 | 5,471.0 | 3,248.9 | 984.6 | 4,174.4 | 2,537.9 | 1,169.0 | 5,395.3 | 3,276.5 |
| 25-29 | 315.4 | 1,606.8 | 953.5 | 504.1 | 2,524.0 | 1,513.3 | 507.2 | 2,040.6 | 1,264.4 | 475.6 | 2,764.5 | 1,684.0 |
| 30-34 | 145.1 | 695.9 | 424.4 | 355.8 | 1,405.8 | 879.6 | 185.1 | 681.7 | 420.1 | 285.5 | 1,145.6 | 727.9 |
| 35-39 | 20.0 | 305.7 | 163.9 | 180.8 | 874.2 | 525.7 | 75.6 | 370.4 | 221.5 | 0.0 | 664.2 | 345.4 |
| 40-44 | 31.0 | 130.2 | 81.3 | 106.5 | 362.9 | 234.1 | 32.7 | 262.9 | 150.9 | 0.0 | 152.7 | 79.9 |
| 45-54 | 15.5 | 28.2 | 22.1 | 49.6 | 150.1 | 102.3 | 48.8 | 52.1 | 50.5 | 49.7 | 86.2 | 69.3 |
| 55-64 | 0.0 | 0.0 | 0.0 | 13.5 | 23.9 | 19.0 | 0.0 | 33.1 | 17.2 | 73.3 | 0.0 | 34.0 |
| 65+ | 0.0 | 0.0 | 0.0 | 33.9 | 0.0 | 14.7 | 16.8 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 |
| All Ages | 177.3 | 833.3 | 511.3 | 271.7 | 1,238.8 | 762.6 | 204.7 | 978.3 | 592.6 | 298.7 | 1,380.7 | 851.7 |

| Age Group | Total IHS | | | Total U.S. (Adjusted) | | |
|-----------|-----------|---------|---------|-----------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total |
| 10-14 | 17.5 | 206.0 | 110.2 | 13.8 | 127.9 | 69.5 |
| 15-19 | 816.7 | 4,328.8 | 2,553.4 | 735.5 | 3,329.3 | 1,999.9 |
| 20-24 | 1,412.6 | 5,097.3 | 3,232.3 | 1,120.6 | 3,273.9 | 2,165.0 |
| 25-29 | 744.3 | 2,595.5 | 1,656.2 | 573.3 | 1,234.0 | 895.2 |
| 30-34 | 458.3 | 1,298.8 | 875.1 | 286.0 | 511.7 | 397.0 |
| 35-39 | 189.6 | 658.4 | 425.6 | 141.3 | 205.8 | 173.3 |
| 40-44 | 121.5 | 310.0 | 217.8 | 81.9 | 88.4 | 85.1 |
| 45-54 | 57.7 | 104.9 | 82.3 | 36.0 | 32.0 | 34.0 |
| 55-64 | 20.1 | 34.8 | 27.8 | 11.0 | 9.1 | 10.0 |
| 65+ | 8.7 | 4.0 | 6.0 | 2.9 | 2.1 | 2.4 |
| All Ages | 330.5 | 1,223.3 | 782.7 | 219.8 | 593.4 | 409.2 |

Note: Table notes on page 97.

IHS Area Tables

Table 10A Gonorrhea - Reported Cases by Sex - Indian Health Service Areas
(American Indians and Alaska Natives) and the United States (All Races), 1998-2009

| Year | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 50 | 104 | 154 | 67 | 113 | 180 | 1 | 2 | 3 | 13 | 54 | 67 |
| 1999 | 62 | 142 | 204 | 59 | 98 | 157 | 6 | 21 | 27 | 11 | 55 | 65 |
| 2000 | 75 | 138 | 213 | 85 | 128 | 213 | 18 | 30 | 48 | 12 | 52 | 64 |
| 2001 | 76 | 130 | 206 | 80 | 161 | 241 | 15 | 21 | 37 | 12 | 52 | 64 |
| 2002 | 68 | 114 | 183 | 124 | 227 | 351 | 12 | 15 | 28 | 17 | 68 | 85 |
| 2003 | 76 | 137 | 213 | 96 | 200 | 296 | 20 | 26 | 46 | 12 | 74 | 86 |
| 2004 | 97 | 192 | 289 | 86 | 209 | 295 | 17 | 22 | 39 | 23 | 92 | 114 |
| 2005 | 111 | 195 | 306 | 92 | 225 | 317 | 9 | 18 | 28 | 35 | 72 | 108 |
| 2006 | 74 | 167 | 241 | 91 | 200 | 291 | 13 | 27 | 40 | 31 | 101 | 133 |
| 2007 | 58 | 127 | 186 | 93 | 175 | 268 | 19 | 31 | 50 | 33 | 88 | 121 |
| 2008 | 68 | 182 | 250 | 143 | 210 | 352 | 17 | 36 | 53 | 29 | 106 | 136 |
| 2009 | 81 | 180 | 261 | 276 | 389 | 665 | 9 | 39 | 49 | 18 | 133 | 152 |

| Year | Billings | | | California | | | Nashville | | | Navajo | | |
|------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 2 | 5 | 6 | | | | 14 | 29 | 43 | 37 | 37 | 73 |
| 1999 | 2 | 3 | 5 | | | | 18 | 42 | 59 | 58 | 48 | 106 |
| 2000 | 10 | 30 | 40 | | | | 29 | 42 | 71 | 86 | 59 | 145 |
| 2001 | 22 | 39 | 61 | | | | 20 | 66 | 86 | 75 | 91 | 165 |
| 2002 | 20 | 44 | 64 | 12 | 10 | 22 | 25 | 61 | 86 | 77 | 72 | 149 |
| 2003 | 11 | 19 | 30 | 15 | 6 | 21 | 23 | 56 | 80 | 80 | 83 | 163 |
| 2004 | 6 | 14 | 20 | 37 | 36 | 73 | 30 | 55 | 85 | 97 | 107 | 204 |
| 2005 | 12 | 37 | 49 | 47 | 53 | 100 | 23 | 63 | 86 | 81 | 93 | 174 |
| 2006 | 17 | 29 | 46 | 42 | 57 | 99 | 61 | 118 | 179 | 90 | 123 | 213 |
| 2007 | 3 | 14 | 17 | 47 | 59 | 107 | 25 | 57 | 82 | 58 | 88 | 146 |
| 2008 | 0 | 18 | 18 | 22 | 34 | 57 | 22 | 78 | 100 | 61 | 65 | 126 |
| 2009 | 8 | 7 | 15 | 9 | 16 | 25 | 22 | 68 | 90 | 66 | 61 | 127 |

Table 10A, Continued

| Year | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|------|---------------|--------|-------|-------------------------|---------|---------|----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 55 | 265 | 319 | 56 | 128 | 184 | 12 | 46 | 59 | 2 | 3 | 5 |
| 1999 | 35 | 222 | 257 | 49 | 108 | 157 | 27 | 58 | 85 | 7 | 4 | 11 |
| 2000 | 50 | 210 | 259 | 62 | 128 | 190 | 18 | 53 | 71 | 3 | 14 | 18 |
| 2001 | 60 | 237 | 297 | 59 | 123 | 181 | 30 | 75 | 105 | 10 | 17 | 27 |
| 2002 | 83 | 258 | 341 | 84 | 152 | 236 | 36 | 65 | 101 | 9 | 12 | 20 |
| 2003 | 67 | 211 | 278 | 96 | 167 | 264 | 20 | 81 | 101 | 2 | 6 | 8 |
| 2004 | 54 | 225 | 279 | 128 | 242 | 370 | 45 | 102 | 147 | 3 | 8 | 10 |
| 2005 | 74 | 234 | 307 | 123 | 227 | 349 | 39 | 115 | 154 | 6 | 19 | 25 |
| 2006 | 85 | 243 | 328 | 140 | 232 | 372 | 51 | 102 | 153 | 6 | 36 | 42 |
| 2007 | 81 | 274 | 356 | 84 | 181 | 265 | 23 | 103 | 126 | 20 | 43 | 63 |
| 2008 | 80 | 304 | 384 | 83 | 139 | 222 | 51 | 86 | 137 | 9 | 21 | 30 |
| 2009 | 104 | 318 | 421 | 56 | 118 | 175 | 34 | 47 | 81 | 10 | 16 | 26 |
| | | | | | | | | | | | | |
| Year | Total IHS | | | Total U.S. (Unadjusted) | | | | | | | | |
| | Male | Female | Total | Male | Female | Total | | | | | | |
| 1998 | 309 | 786 | 1,093 | 176,529 | 179,204 | 356,492 | | | | | | |
| 1999 | 334 | 801 | 1,133 | 180,524 | 179,319 | 360,813 | | | | | | |
| 2000 | 448 | 884 | 1,332 | 180,701 | 181,668 | 363,136 | | | | | | |
| 2001 | 459 | 1,012 | 1,470 | 177,194 | 183,863 | 361,705 | | | | | | |
| 2002 | 567 | 1,098 | 1,666 | 171,504 | 179,648 | 351,852 | | | | | | |
| 2003 | 518 | 1,066 | 1,586 | 160,106 | 174,230 | 335,104 | | | | | | |
| 2004 | 623 | 1,304 | 1,925 | 157,303 | 172,142 | 330,132 | | | | | | |
| 2005 | 652 | 1,351 | 2,003 | 161,117 | 177,537 | 339,593 | | | | | | |
| 2006 | 701 | 1,435 | 2,137 | 170,508 | 187,033 | 358,366 | | | | | | |
| 2007 | 544 | 1,240 | 1,787 | 167,685 | 187,594 | 355,991 | | | | | | |
| 2008 | 585 | 1,279 | 1,865 | 153,103 | 182,577 | 336,742 | | | | | | |
| 2009 | 693 | 1,392 | 2,087 | 137,819 | 162,568 | 301,174 | | | | | | |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 98. Male or female case counts between 1 and 4 (with corresponding totals).

IHS Area Tables

Table 10B Gonorrhea - Rates per 100,000 Population by Sex - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 1998-2009

| Year | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 107.5 | 213.0 | 161.5 | 128.4 | 218.1 | 173.1 | 16.9 | 33.0 | 25.0 | 27.1 | 112.0 | 69.7 |
| 1999 | 129.6 | 283.1 | 208.2 | 111.1 | 186.3 | 148.5 | 13.5 | 44.1 | 29.3 | 21.6 | 107.5 | 63.7 |
| 2000 | 152.1 | 267.5 | 211.1 | 157.5 | 239.6 | 198.3 | 39.2 | 61.0 | 50.5 | 22.7 | 98.7 | 60.7 |
| 2001 | 153.6 | 250.2 | 203.1 | 147.3 | 298.5 | 222.6 | 32.7 | 42.6 | 38.9 | 22.6 | 97.9 | 60.3 |
| 2002 | 136.5 | 217.5 | 179.0 | 226.1 | 417.5 | 321.4 | 25.6 | 29.8 | 28.8 | 31.8 | 126.8 | 79.4 |
| 2003 | 151.5 | 260.2 | 207.2 | 171.6 | 361.7 | 266.1 | 41.9 | 50.7 | 46.4 | 22.4 | 137.1 | 79.9 |
| 2004 | 189.2 | 354.6 | 274.2 | 152.7 | 374.8 | 263.2 | 34.4 | 41.3 | 38.0 | 42.5 | 169.3 | 105.1 |
| 2005 | 213.8 | 356.7 | 287.1 | 160.7 | 398.3 | 278.7 | 17.8 | 33.0 | 26.6 | 65.2 | 134.1 | 100.6 |
| 2006 | 144.0 | 310.0 | 229.0 | 162.2 | 361.2 | 261.1 | 25.8 | 49.8 | 38.2 | 56.6 | 183.5 | 121.1 |
| 2007 | 113.8 | 236.8 | 177.8 | 166.3 | 315.3 | 240.5 | 37.0 | 56.3 | 47.0 | 60.3 | 160.0 | 110.2 |
| 2008 | 128.2 | 326.5 | 229.8 | 253.8 | 376.8 | 314.1 | 31.2 | 61.7 | 47.0 | 50.4 | 183.8 | 118.1 |
| 2009 | 152.7 | 322.9 | 239.9 | 489.9 | 698.0 | 593.4 | 16.5 | 66.8 | 43.5 | 31.3 | 230.7 | 132.0 |

| Year | Billings | | | California | | | Nashville | | | Navajo | | |
|------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 52.5 | 131.3 | 78.8 | | | | 65.4 | 135.2 | 100.4 | 61.0 | 58.5 | 58.9 |
| 1999 | 50.6 | 75.7 | 63.1 | | | | 44.6 | 102.9 | 72.6 | 54.9 | 43.3 | 49.0 |
| 2000 | 34.7 | 102.0 | 68.6 | | | | 56.5 | 83.1 | 69.7 | 80.7 | 52.5 | 66.2 |
| 2001 | 75.8 | 131.5 | 103.9 | | | | 38.2 | 128.1 | 82.8 | 69.6 | 79.9 | 74.5 |
| 2002 | 67.8 | 145.8 | 107.2 | 14.2 | 12.0 | 13.1 | 46.9 | 116.2 | 81.3 | 69.6 | 61.5 | 65.4 |
| 2003 | 36.5 | 61.4 | 49.1 | 17.5 | 7.0 | 12.3 | 42.4 | 105.3 | 74.5 | 71.1 | 69.7 | 70.4 |
| 2004 | 19.9 | 45.3 | 32.8 | 42.3 | 41.2 | 41.7 | 53.6 | 100.2 | 76.6 | 87.2 | 90.8 | 89.1 |
| 2005 | 39.6 | 117.8 | 79.4 | 52.5 | 59.4 | 55.9 | 41.3 | 115.3 | 77.9 | 71.6 | 77.3 | 74.5 |
| 2006 | 55.7 | 92.4 | 74.3 | 45.5 | 61.8 | 53.6 | 103.5 | 203.7 | 153.2 | 81.6 | 105.4 | 93.8 |
| 2007 | 9.8 | 45.2 | 27.7 | 50.5 | 63.2 | 57.4 | 41.7 | 96.3 | 68.8 | 54.5 | 77.9 | 66.5 |
| 2008 | 0.0 | 55.9 | 28.2 | 22.3 | 34.4 | 28.8 | 34.2 | 122.5 | 78.1 | 55.9 | 56.0 | 56.0 |
| 2009 | 25.3 | 21.8 | 23.5 | 9.1 | 16.2 | 12.6 | 34.2 | 106.8 | 70.3 | 60.5 | 52.6 | 56.4 |

Table 10B, Continued

| Year | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|------|---------------|--------|-------|---------|--------|-------|-----------|--------|-------|-------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 36.5 | 169.8 | 104.0 | 71.2 | 157.9 | 115.2 | 15.5 | 58.9 | 37.9 | 13.2 | 18.8 | 16.1 |
| 1999 | 22.7 | 139.1 | 82.0 | 59.7 | 128.0 | 94.4 | 31.8 | 67.3 | 49.7 | 44.8 | 24.4 | 34.3 |
| 2000 | 32.1 | 130.1 | 81.6 | 72.8 | 146.1 | 110.0 | 20.7 | 60.3 | 40.6 | 18.5 | 82.4 | 54.2 |
| 2001 | 38.4 | 146.5 | 93.4 | 66.3 | 134.0 | 100.1 | 34.2 | 84.6 | 59.6 | 59.3 | 95.7 | 78.0 |
| 2002 | 52.7 | 158.5 | 106.5 | 89.3 | 156.2 | 123.3 | 40.8 | 72.8 | 56.9 | 52.1 | 65.8 | 56.3 |
| 2003 | 42.4 | 129.2 | 86.6 | 98.9 | 165.9 | 133.5 | 22.4 | 89.8 | 56.3 | 11.3 | 32.3 | 22.0 |
| 2004 | 33.8 | 136.2 | 85.9 | 132.0 | 241.6 | 187.7 | 50.1 | 112.8 | 81.5 | 17.4 | 44.5 | 28.4 |
| 2005 | 45.9 | 140.0 | 93.5 | 121.4 | 216.7 | 169.4 | 42.8 | 125.8 | 84.4 | 33.3 | 101.3 | 67.9 |
| 2006 | 52.9 | 145.1 | 99.9 | 139.1 | 222.4 | 181.5 | 55.7 | 111.2 | 83.5 | 34.1 | 195.4 | 116.6 |
| 2007 | 50.8 | 165.3 | 109.4 | 79.3 | 165.2 | 123.0 | 25.0 | 110.9 | 68.1 | 113.2 | 232.3 | 174.1 |
| 2007 | 48.7 | 178.5 | 114.8 | 72.0 | 117.0 | 94.9 | 51.7 | 86.7 | 69.2 | 45.6 | 101.7 | 74.3 |
| 2009 | 63.4 | 186.7 | 125.9 | 48.6 | 99.3 | 74.8 | 34.4 | 47.4 | 40.9 | 50.6 | 77.5 | 64.4 |
| | | | | | | | | | | | | |
| Year | | | | | | | Total IHS | | | Total U.S. (Unadjusted) | | |
| | | | | | | | Male | Female | Total | Male | Female | Total |
| 1998 | | | | | | | 55.1 | 136.8 | 96.3 | 130.6 | 127.3 | 129.2 |
| 1999 | | | | | | | 48.9 | 113.8 | 81.7 | 132.0 | 126.1 | 129.3 |
| 2000 | | | | | | | 61.1 | 117.4 | 89.6 | 130.5 | 126.4 | 128.7 |
| 2001 | | | | | | | 61.9 | 132.6 | 97.7 | 126.5 | 126.6 | 126.8 |
| 2002 | | | | | | | 67.5 | 127.4 | 97.9 | 121.1 | 122.5 | 122.0 |
| 2003 | | | | | | | 60.8 | 121.9 | 91.9 | 111.9 | 117.9 | 115.2 |
| 2004 | | | | | | | 72.5 | 147.8 | 110.5 | 108.8 | 115.4 | 112.4 |
| 2005 | | | | | | | 74.6 | 150.6 | 113.1 | 110.4 | 118.0 | 114.6 |
| 2006 | | | | | | | 80.1 | 159.7 | 120.5 | 115.6 | 123.1 | 119.7 |
| 2007 | | | | | | | 61.9 | 137.4 | 100.4 | 112.8 | 122.6 | 118.0 |
| 2008 | | | | | | | 63.4 | 135.0 | 99.7 | 102.1 | 118.5 | 110.7 |
| 2009 | | | | | | | 75.1 | 147.0 | 111.6 | 91.9 | 105.5 | 99.1 |

Note: Table notes on page 98. *Male or female case counts between 1 and 4 (with corresponding totals).

IHS Area Tables

Table 11A Gonorrhea - Reported Cases by Sex and Age Group - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 2009

| Age Group | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|-----------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 1 | 1 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 3 | 3 |
| 15-19 | 17 | 57 | 74 | 38 | 83 | 121 | 1 | 8 | 9 | 4 | 36 | 40 |
| 20-24 | 23 | 55 | 78 | 63 | 131 | 194 | 2 | 17 | 19 | 11 | 48 | 59 |
| 25-29 | 24 | 24 | 48 | 52 | 59 | 111 | 4 | 8 | 12 | 1 | 35 | 36 |
| 30-34 | 5 | 21 | 26 | 42 | 41 | 83 | 2 | 3 | 5 | 0 | 7 | 7 |
| 35-39 | 4 | 7 | 11 | 31 | 30 | 61 | 0 | 1 | 1 | 1 | 6 | 7 |
| 40-44 | 5 | 5 | 10 | 13 | 17 | 30 | 0 | 1 | 1 | 0 | 1 | 1 |
| 45-54 | 0 | 0 | 0 | 20 | 21 | 41 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55-64 | 0 | 0 | 0 | 13 | 4 | 17 | 0 | 0 | 0 | 1 | 0 | 1 |
| 65+ | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Ages | 78 | 170 | 248 | 276 | 389 | 665 | 9 | 38 | 47 | 18 | 136 | 154 |

| Age Group | Billings | | | California | | | Nashville | | | Navajo | | |
|-----------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 15-19 | 1 | 0 | 1 | 0 | 5 | 5 | 5 | 23 | 28 | 10 | 13 | 23 |
| 20-24 | 3 | 5 | 8 | 2 | 4 | 6 | 6 | 19 | 25 | 18 | 20 | 38 |
| 25-29 | 4 | 0 | 4 | 4 | 4 | 8 | 5 | 10 | 15 | 9 | 10 | 19 |
| 30-34 | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 8 | 8 | 12 | 6 | 18 |
| 35-39 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 5 | 3 | 4 | 7 |
| 40-44 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 3 | 3 | 4 | 1 | 5 |
| 45-54 | 5 | 0 | 5 | 0 | 0 | 0 | 1 | 1 | 2 | 5 | 2 | 7 |
| 55-64 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| All Ages | 13 | 8 | 21 | 8 | 14 | 22 | 20 | 68 | 88 | 63 | 59 | 122 |

Table 11A Continued

| Age Group | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|-----------|---------------|--------|-------|---------|--------|-------|----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 4 | 4 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 17 | 108 | 125 | 7 | 30 | 37 | 1 | 17 | 18 | 1 | 6 | 7 |
| 20-24 | 30 | 91 | 121 | 21 | 31 | 52 | 9 | 15 | 24 | 5 | 6 | 11 |
| 25-29 | 28 | 46 | 74 | 4 | 21 | 25 | 9 | 10 | 19 | 3 | 1 | 4 |
| 30-34 | 12 | 23 | 35 | 10 | 12 | 22 | 6 | 0 | 6 | 0 | 3 | 3 |
| 35-39 | 0 | 11 | 11 | 5 | 5 | 10 | 2 | 3 | 5 | 0 | 3 | 3 |
| 40-44 | 5 | 5 | 10 | 3 | 3 | 6 | 2 | 0 | 2 | 0 | 0 | 0 |
| 45-54 | 3 | 6 | 9 | 3 | 1 | 4 | 2 | 0 | 2 | 1 | 0 | 1 |
| 55-64 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| 65+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Ages | 95 | 295 | 390 | 54 | 109 | 163 | 32 | 45 | 77 | 10 | 19 | 29 |

| Age Group | Total IHS | | | Total U.S. (Unadjusted) | | |
|-----------|-----------|--------|-------|-------------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total |
| 10-14 | 3 | 16 | 19 | 509 | 2,482 | 2,991 |
| 15-19 | 102 | 386 | 488 | 27,573 | 59,648 | 87,221 |
| 20-24 | 193 | 442 | 635 | 44,190 | 56,712 | 100,902 |
| 25-29 | 147 | 228 | 375 | 26,142 | 23,840 | 49,981 |
| 30-34 | 91 | 125 | 216 | 14,437 | 10,232 | 24,669 |
| 35-39 | 48 | 73 | 121 | 9,049 | 4,957 | 14,006 |
| 40-44 | 32 | 38 | 70 | 6,538 | 2,459 | 8,997 |
| 45-54 | 40 | 31 | 71 | 7,352 | 1,965 | 9,317 |
| 55-64 | 16 | 5 | 21 | 1,853 | 364 | 2,217 |
| 65+ | 3 | 1 | 4 | 447 | 108 | 555 |
| All Ages | 676 | 1,350 | 2,026 | 138,187 | 162,987 | 301,174 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 98. Male or female case counts between 1 and 4 (with corresponding totals).

IHS Area Tables

Table 11B Gonorrhea - Rates per 100,000 Population by Sex and Age Group - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 2009

| Age Group | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|-----------|----------|---------|-------|---------|---------|---------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 18.4 | 9.1 | 39.9 | 42.3 | 41.1 | 0.0 | 0.0 | 0.0 | 0.0 | 63.3 | 30.6 |
| 15-19 | 295.7 | 1,006.7 | 648.4 | 646.6 | 1,501.7 | 1,061.0 | 20.0 | 153.7 | 88.1 | 71.9 | 679.0 | 368.1 |
| 20-24 | 478.5 | 1,170.7 | 820.6 | 1,215.7 | 2,746.9 | 1,949.6 | 39.2 | 323.2 | 183.4 | 208.0 | 978.6 | 578.8 |
| 25-29 | 583.8 | 556.3 | 569.7 | 1,138.9 | 1,389.5 | 1,259.6 | 82.5 | 158.2 | 121.2 | 21.3 | 782.8 | 392.8 |
| 30-34 | 168.3 | 615.3 | 407.3 | 1,214.9 | 1,202.7 | 1,208.9 | 49.6 | 71.3 | 60.7 | 0.0 | 204.7 | 100.0 |
| 35-39 | 141.3 | 222.2 | 183.9 | 922.9 | 903.9 | 913.4 | 0.0 | 27.8 | 14.0 | 28.5 | 172.5 | 100.2 |
| 40-44 | 173.9 | 162.9 | 168.2 | 338.8 | 455.9 | 396.5 | 0.0 | 27.1 | 14.2 | 0.0 | 26.3 | 13.7 |
| 45-54 | 0.0 | 0.0 | 0.0 | 291.7 | 289.7 | 290.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55-64 | 0.0 | 0.0 | 0.0 | 309.5 | 87.5 | 193.8 | 0.0 | 0.0 | 0.0 | 23.1 | 0.0 | 11.1 |
| 65+ | 0.0 | 0.0 | 0.0 | 58.3 | 0.0 | 26.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Ages | 147.1 | 304.9 | 228.0 | 489.9 | 698.0 | 593.4 | 16.5 | 65.1 | 41.7 | 31.3 | 235.9 | 133.7 |

| Age Group | Billings | | | California | | | Nashville | | | Navajo | | |
|-----------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.8 | 0.0 | 10.4 | 0.0 | 10.1 | 5.0 |
| 15-19 | 30.1 | 0.0 | 15.4 | 0.0 | 56.1 | 27.4 | 92.6 | 449.7 | 266.3 | 83.2 | 107.0 | 95.2 |
| 20-24 | 101.8 | 167.2 | 134.7 | 20.8 | 41.9 | 31.3 | 115.1 | 394.4 | 249.2 | 169.5 | 189.0 | 179.2 |
| 25-29 | 166.9 | 0.0 | 86.3 | 42.5 | 45.3 | 43.8 | 102.4 | 235.3 | 164.2 | 106.1 | 124.5 | 115.1 |
| 30-34 | 0.0 | 58.3 | 28.7 | 27.8 | 0.0 | 14.5 | 0.0 | 203.2 | 98.6 | 189.5 | 96.2 | 143.2 |
| 35-39 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.7 | 72.4 | 58.7 | 50.5 | 61.0 | 56.0 |
| 40-44 | 0.0 | 98.4 | 52.6 | 0.0 | 0.0 | 0.0 | 0.0 | 66.9 | 33.4 | 62.0 | 13.8 | 36.5 |
| 45-54 | 138.2 | 0.0 | 66.4 | 0.0 | 0.0 | 0.0 | 11.8 | 11.7 | 11.8 | 39.2 | 13.8 | 25.7 |
| 55-64 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65+ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.0 | 9.3 | 10.8 |
| All Ages | 41.2 | 24.9 | 32.9 | 8.1 | 14.1 | 11.1 | 31.1 | 106.8 | 68.8 | 57.8 | 50.9 | 54.2 |

Table 11B Continued

| Age Group | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|-----------|---------------|--------|-------|---------|--------|-------|----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 28.5 | 14.0 | 0.0 | 50.8 | 25.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15-19 | 106.7 | 704.2 | 399.7 | 64.6 | 272.1 | 169.2 | 11.5 | 200.6 | 104.6 | 52.1 | 327.2 | 186.6 |
| 20-24 | 195.4 | 605.3 | 398.2 | 209.5 | 312.2 | 260.6 | 105.5 | 185.3 | 144.3 | 265.7 | 320.5 | 293.0 |
| 25-29 | 210.3 | 353.7 | 281.1 | 39.5 | 207.7 | 123.6 | 114.1 | 130.0 | 122.0 | 178.4 | 53.2 | 112.3 |
| 30-34 | 116.1 | 216.3 | 166.9 | 118.6 | 142.9 | 130.7 | 85.4 | 0.0 | 45.0 | 0.0 | 202.2 | 104.0 |
| 35-39 | 0.0 | 108.5 | 54.6 | 64.5 | 65.2 | 64.9 | 30.2 | 46.3 | 38.2 | 0.0 | 221.4 | 115.1 |
| 40-44 | 51.6 | 50.1 | 50.8 | 39.9 | 40.3 | 40.1 | 32.7 | 0.0 | 15.9 | 0.0 | 0.0 | 0.0 |
| 45-54 | 15.5 | 28.2 | 22.1 | 24.8 | 7.5 | 15.7 | 16.3 | 0.0 | 7.8 | 49.7 | 0.0 | 23.1 |
| 55-64 | 0.0 | 0.0 | 0.0 | 13.5 | 0.0 | 6.3 | 11.9 | 0.0 | 5.7 | 0.0 | 0.0 | 0.0 |
| 65+ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Ages | 57.9 | 173.2 | 116.6 | 46.9 | 91.8 | 69.7 | 32.4 | 45.3 | 38.9 | 50.6 | 92.0 | 71.8 |

| Age Group | Total IHS | | | Total U.S. (Unadjusted) | | |
|-----------|-----------|--------|-------|-------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| 10-14 | 3.7 | 20.6 | 12.1 | 5.0 | 25.3 | 14.9 |
| 15-19 | 113.8 | 440.0 | 275.1 | 250.0 | 568.8 | 405.4 |
| 20-24 | 228.2 | 535.8 | 380.1 | 407.5 | 555.3 | 479.1 |
| 25-29 | 192.4 | 307.5 | 249.1 | 238.9 | 229.4 | 234.3 |
| 30-34 | 149.9 | 209.1 | 179.3 | 145.0 | 106.2 | 125.9 |
| 35-39 | 83.9 | 126.0 | 105.1 | 85.6 | 47.6 | 66.7 |
| 40-44 | 56.1 | 63.8 | 60.0 | 60.8 | 22.9 | 41.8 |
| 45-54 | 37.1 | 26.3 | 31.5 | 33.6 | 8.7 | 21.0 |
| 55-64 | 22.9 | 6.4 | 14.2 | 11.4 | 2.1 | 6.6 |
| 65+ | 5.2 | 1.3 | 3.0 | 2.7 | 0.5 | 1.4 |
| All Ages | 73.2 | 142.5 | 108.3 | 92.2 | 105.7 | 99.1 |

Note: Table notes on page 98.

IHS Area Tables

Table 12A Primary and Secondary Syphilis - Reported Cases by Sex - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 1998-2009

| Year | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1999 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 |
| 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 |
| 2002 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 |
| 2003 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 4 | 5 | 0 | 0 | 0 |
| 2004 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 10 | 0 | 0 | 0 |
| 2005 | 0 | 0 | 0 | 1 | 0 | 1 | 6 | 4 | 11 | 0 | 0 | 0 |
| 2006 | 3 | 0 | 3 | 1 | 0 | 1 | 4 | 2 | 6 | 0 | 0 | 0 |
| 2007 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 2008 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 7 | 1 | 0 | 1 |

| Year | Billings | | | California | | | Nashville | | | Navajo | | |
|------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 1 |
| 1999 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 2 |
| 2001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 6 | 11 |
| 2002 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 8 | 9 | 17 |
| 2003 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 15 | 11 | 26 |
| 2004 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 15 | 19 | 34 |
| 2005 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 3 | 13 | 5 | 18 |
| 2006 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 1 | 19 | 11 | 31 |
| 2007 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 10 | 13 | 23 |
| 2008 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 8 | 4 | 12 |
| 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 4 | 11 |

Table 12A Continued

| Year | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|------|---------------|--------|-------|---------|--------|-------|-----------|--------|-------|-------------------------|--------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 2 | 5 | 7 | 4 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1999 | 4 | 12 | 16 | 4 | 3 | 7 | 0 | 1 | 1 | 0 | 0 | 0 |
| 2000 | 3 | 3 | 6 | 4 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2001 | 1 | 1 | 2 | 6 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2002 | 0 | 2 | 2 | 2 | 4 | 6 | 3 | 0 | 3 | 2 | 0 | 2 |
| 2003 | 1 | 0 | 1 | 8 | 1 | 9 | 2 | 0 | 2 | 0 | 1 | 1 |
| 2004 | 0 | 0 | 0 | 5 | 6 | 12 | 3 | 0 | 3 | 0 | 0 | 0 |
| 2005 | 0 | 1 | 1 | 6 | 6 | 12 | 1 | 0 | 1 | 0 | 1 | 1 |
| 2006 | 4 | 2 | 6 | 6 | 2 | 8 | 1 | 0 | 1 | 0 | 0 | 0 |
| 2007 | 1 | 2 | 3 | 7 | 8 | 16 | 2 | 0 | 2 | 9 | 9 | 18 |
| 2008 | 2 | 6 | 8 | 4 | 3 | 8 | 1 | 1 | 2 | 4 | 2 | 6 |
| 2009 | 6 | 0 | 6 | 9 | 0 | 9 | 1 | 1 | 2 | 2 | 3 | 5 |
| | | | | | | | | | | | | |
| Year | | | | | | | Total IHS | | | Total U.S. (Unadjusted) | | |
| | | | | | | | Male | Female | Total | Male | Female | Total |
| 1998 | | | | | | | 7 | 12 | 19 | 3,909 | 3,096 | 7,007 |
| 1999 | | | | | | | 9 | 17 | 26 | 3,835 | 2,777 | 6,617 |
| 2000 | | | | | | | 11 | 11 | 22 | 3,532 | 2,445 | 5,979 |
| 2001 | | | | | | | 12 | 14 | 26 | 4,134 | 1,967 | 6,103 |
| 2002 | | | | | | | 17 | 17 | 34 | 5,267 | 1,594 | 6,862 |
| 2003 | | | | | | | 31 | 17 | 48 | 5,956 | 1,217 | 7,177 |
| 2004 | | | | | | | 28 | 31 | 61 | 6,722 | 1,255 | 7,980 |
| 2005 | | | | | | | 30 | 18 | 49 | 7,383 | 1,339 | 8,724 |
| 2006 | | | | | | | 40 | 18 | 59 | 8,293 | 1,458 | 9,756 |
| 2007 | | | | | | | 33 | 33 | 67 | 9,769 | 1,692 | 11,466 |
| 2008 | | | | | | | 21 | 17 | 39 | 11,255 | 2,242 | 13,500 |
| 2009 | | | | | | | 31 | 10 | 41 | 11,764 | 2,232 | 13,997 |
| | | | | | | | | | | | | |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 98. Male or female case counts between 1 and 4 (with corresponding totals).

IHS Area Tables

Table 12B Primary and Secondary Syphilis - Rates per 100,000 Population by Sex - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 1998-2009

| Year | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1999 | 0.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 4.1 | 4.2 | 0.0 | 0.0 | 0.0 |
| 2001 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.1 | 3.2 | 0.0 | 0.0 | 0.0 |
| 2002 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 4.0 | 3.1 | 0.0 | 0.0 | 0.0 |
| 2003 | 2.0 | 0.0 | 1.0 | 1.8 | 0.0 | 0.9 | 2.1 | 7.8 | 5.0 | 0.0 | 0.0 | 0.0 |
| 2004 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.1 | 11.3 | 9.7 | 0.0 | 0.0 | 0.0 |
| 2005 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.9 | 11.8 | 7.3 | 10.5 | 0.0 | 0.0 | 0.0 |
| 2006 | 5.8 | 0.0 | 2.9 | 1.8 | 0.0 | 0.9 | 7.9 | 3.7 | 5.7 | 0.0 | 0.0 | 0.0 |
| 2007 | 0.0 | 1.9 | 1.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 |
| 2008 | 0.0 | 1.8 | 0.9 | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 |
| 2009 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.2 | 3.4 | 6.2 | 1.7 | 0.0 | 0.9 |

| Year | Billings | | | California | | | Nashville | | | Navajo | | |
|------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.1 | 2.6 | 0.0 | 1.6 | 0.8 |
| 1999 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 |
| 2000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 2.0 | 1.9 | 0.0 | 0.9 |
| 2001 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 1.0 | 4.6 | 5.3 | 5.0 |
| 2002 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 7.2 | 7.7 | 7.5 |
| 2003 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.6 | 1.8 | 0.0 | 0.9 | 13.3 | 9.2 | 11.2 |
| 2004 | 0.0 | 0.0 | 0.0 | 2.3 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 13.5 | 16.1 | 14.8 |
| 2005 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.6 | 3.6 | 1.8 | 2.7 | 11.5 | 4.2 | 7.7 |
| 2006 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 | 1.1 | 0.0 | 1.7 | 0.9 | 17.2 | 9.4 | 13.7 |
| 2007 | 0.0 | 0.0 | 0.0 | 3.2 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 9.4 | 11.5 | 10.5 |
| 2008 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 7.3 | 3.4 | 5.3 |
| 2009 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.4 | 3.3 | 4.8 |

Table 12B Continued

| Year | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|------|---------------|--------|-------|---------|--------|-------|-----------|--------|-------|-------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1998 | 1.3 | 3.2 | 2.3 | 4.9 | 4.8 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1999 | 2.6 | 7.5 | 5.1 | 4.7 | 3.5 | 4.1 | 0.0 | 1.2 | 0.6 | 0.0 | 0.0 | 0.0 |
| 2000 | 1.9 | 1.9 | 1.9 | 4.6 | 4.4 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2001 | 0.6 | 0.6 | 0.6 | 6.6 | 3.2 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2002 | 0.0 | 1.2 | 0.6 | 2.1 | 4.1 | 3.1 | 3.4 | 0.0 | 1.7 | 11.6 | 0.0 | 5.6 |
| 2003 | 0.6 | 0.0 | 0.3 | 8.2 | 1.0 | 4.6 | 2.2 | 0.0 | 1.1 | 0.0 | 5.4 | 2.8 |
| 2004 | 0.0 | 0.0 | 0.0 | 5.2 | 6.0 | 6.1 | 3.3 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 |
| 2005 | 0.0 | 0.6 | 0.3 | 5.9 | 5.7 | 5.8 | 1.1 | 0.0 | 0.5 | 0.0 | 5.3 | 2.7 |
| 2006 | 2.5 | 1.2 | 1.8 | 6.0 | 1.9 | 3.9 | 1.1 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| 2007 | 0.6 | 1.2 | 0.9 | 6.6 | 7.3 | 7.4 | 2.3 | 0.0 | 1.2 | 50.9 | 48.6 | 49.8 |
| 2008 | 1.2 | 3.5 | 2.4 | 3.5 | 2.5 | 3.4 | 1.0 | 1.0 | 1.0 | 20.3 | 9.7 | 14.9 |
| 2009 | 3.7 | 0.0 | 1.8 | 7.8 | 0.0 | 3.9 | 1.0 | 1.0 | 1.0 | 10.1 | 14.5 | 12.4 |
| | | | | | | | | | | | | |
| Year | | | | | | | Total IHS | | | Total U.S. (Unadjusted) | | |
| | | | | | | | Male | Female | Total | Male | Female | Total |
| 1998 | | | | | | | 1.0 | 1.7 | 1.4 | 2.9 | 2.2 | 2.5 |
| 1999 | | | | | | | 1.2 | 2.1 | 1.7 | 2.8 | 2.0 | 2.4 |
| 2000 | | | | | | | 1.3 | 1.3 | 1.3 | 2.6 | 1.7 | 2.1 |
| 2001 | | | | | | | 1.5 | 1.7 | 1.6 | 3.0 | 1.4 | 2.1 |
| 2002 | | | | | | | 2.0 | 2.0 | 2.0 | 3.7 | 1.1 | 2.4 |
| 2003 | | | | | | | 3.6 | 1.9 | 2.8 | 4.2 | 0.8 | 2.5 |
| 2004 | | | | | | | 3.3 | 3.5 | 3.5 | 4.7 | 0.8 | 2.7 |
| 2005 | | | | | | | 3.4 | 2.0 | 2.8 | 5.1 | 0.9 | 2.9 |
| 2006 | | | | | | | 4.6 | 2.0 | 3.3 | 5.6 | 1.0 | 3.3 |
| 2007 | | | | | | | 3.8 | 3.7 | 3.8 | 6.6 | 1.1 | 3.8 |
| 2008 | | | | | | | 2.3 | 1.8 | 2.1 | 7.5 | 1.5 | 4.4 |
| 2009 | | | | | | | 3.4 | 1.1 | 2.2 | 7.8 | 1.4 | 4.6 |
| | | | | | | | | | | | | |

Note: Table notes on page 98.

IHS Area Tables

Table 13A Primary and Secondary Syphilis - Reported Cases by Sex and Age Group - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 2009

| Age Group | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|-----------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 20-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 30-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 40-44 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| 45-54 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| 55-64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Ages | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 6 | 1 | 0 | 1 |

| Age Group | Billings | | | California | | | Nashville | | | Navajo | | |
|-----------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 25-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 30-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 |
| 35-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 40-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45-54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 55-64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Ages | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 4 | 11 |

Table 13A Continued

| Age Group | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|-----------|---------------|--------|-------|---------|--------|-------|----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-24 | 1 | 0 | 1 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 1 |
| 25-29 | 1 | 0 | 1 | 6 | 0 | 6 | 0 | 0 | 0 | 0 | 2 | 2 |
| 30-34 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35-39 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 |
| 40-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 45-54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55-64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| All Ages | 6 | 0 | 6 | 10 | 0 | 10 | 1 | 1 | 2 | 2 | 3 | 5 |

| Age Group | Total IHS | | | Total U.S. (Unadjusted) | | |
|-----------|-----------|--------|-------|-------------------------|--------|--------|
| | Male | Female | Total | Male | Female | Total |
| 10-14 | 0 | 0 | 0 | 4 | 15 | 19 |
| 15-19 | 1 | 0 | 1 | 661 | 344 | 1,005 |
| 20-24 | 6 | 1 | 7 | 2,242 | 570 | 2,812 |
| 25-29 | 8 | 4 | 12 | 2,028 | 377 | 2,405 |
| 30-34 | 6 | 1 | 7 | 1,571 | 286 | 1,857 |
| 35-39 | 5 | 2 | 7 | 1,409 | 203 | 1,612 |
| 40-44 | 3 | 0 | 3 | 1,476 | 167 | 1,643 |
| 45-54 | 2 | 2 | 4 | 1,815 | 218 | 2,033 |
| 55-64 | 0 | 0 | 0 | 475 | 42 | 517 |
| 65+ | 0 | 0 | 0 | 83 | 7 | 90 |
| All Ages | 31 | 10 | 41 | 11,765 | 2,232 | 13,997 |

Note: Total cases may not equal male and female cases due to rounding. Additional table notes on page 98.

IHS Area Tables

Table 13B Primary and Secondary Syphilis - Rates per 100,000 Population by Sex and Age Group - Indian Health Service Areas (American Indians and Alaska Natives) and the United States (All Races), 2009

| Age Group | Aberdeen | | | Alaska | | | Albuquerque | | | Bemidji | | |
|-----------|----------|--------|-------|--------|--------|-------|-------------|--------|-------|---------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.0 | 0.0 | 9.2 |
| 20-24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25-29 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.8 | 10.1 | 0.0 | 0.0 | 0.0 |
| 30-34 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35-39 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.8 | 14.0 | 0.0 | 0.0 | 0.0 |
| 40-44 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.9 | 0.0 | 28.5 | 0.0 | 0.0 | 0.0 |
| 45-54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5 | 0.0 | 15.1 | 0.0 | 0.0 | 0.0 |
| 55-64 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65+ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Ages | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 3.4 | 5.3 | 1.7 | 0.0 | 0.9 |

| Age Group | Billings | | | California | | | Nashville | | | Navajo | | |
|-----------|----------|--------|-------|------------|--------|-------|-----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20-24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.8 | 0.0 | 9.4 |
| 25-29 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 12.5 | 12.1 |
| 30-34 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.4 | 16.0 | 31.8 |
| 35-39 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.8 | 0.0 | 8.0 |
| 40-44 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45-54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.2 | 6.2 |
| 55-64 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65+ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Ages | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.4 | 3.3 | 4.8 |

Table 13B Continued

| Age Group | Oklahoma City | | | Phoenix | | | Portland | | | Tucson | | |
|-----------|---------------|--------|-------|---------|--------|-------|----------|--------|-------|--------|--------|-------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15-19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20-24 | 6.5 | 0.0 | 3.3 | 29.9 | 0.0 | 15.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.4 | 26.6 |
| 25-29 | 7.5 | 0.0 | 3.8 | 59.3 | 0.0 | 29.7 | 0.0 | 0.0 | 0.0 | 0.0 | 106.3 | 56.1 |
| 30-34 | 19.4 | 0.0 | 9.5 | 11.9 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35-39 | 20.0 | 0.0 | 9.9 | 0.0 | 0.0 | 0.0 | 15.1 | 15.4 | 15.3 | 79.9 | 0.0 | 38.4 |
| 40-44 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 83.9 | 0.0 | 40.0 |
| 45-54 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55-64 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65+ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| All Ages | 3.7 | 0.0 | 1.8 | 8.7 | 0.0 | 4.4 | 1.0 | 1.0 | 1.0 | 10.1 | 14.5 | 12.4 |

| Age Group | Total IHS | | | Total U.S. (Unadjusted) | | |
|-----------|-----------|--------|-------|-------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| 10-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 |
| 15-19 | 1.1 | 0.0 | 0.6 | 6.0 | 3.3 | 4.7 |
| 20-24 | 7.2 | 1.2 | 4.2 | 20.7 | 5.6 | 13.4 |
| 25-29 | 10.6 | 5.5 | 8.1 | 18.5 | 3.6 | 11.3 |
| 30-34 | 10.0 | 1.7 | 5.9 | 15.8 | 3.0 | 9.5 |
| 35-39 | 8.9 | 3.5 | 6.2 | 13.3 | 1.9 | 7.7 |
| 40-44 | 5.3 | 0.0 | 2.6 | 13.7 | 1.6 | 7.6 |
| 45-54 | 1.9 | 1.7 | 1.8 | 8.3 | 1.0 | 4.6 |
| 55-64 | 0.0 | 0.0 | 0.0 | 2.9 | 0.2 | 1.5 |
| 65+ | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.2 |
| All Ages | 3.4 | 1.1 | 2.2 | 7.8 | 1.4 | 4.6 |

Note: Table notes on page 98.

Table Notes

Table 1A

Data source: STDSS Morbidity file, unadjusted • Cases with unknown sex are included in the Totals
STD source: 2009 CDC STD Surveillance Report, Tables 1, 3-5, 13-15, 25-27

Table 1B

Data source: STDSS Morbidity file, unadjusted • Population source: NCHS bridged-race file of the U.S. Census population (2000-2008); U.S. Census Bureau estimates (2000) • 2009 rates are computed using 2008 populations to be consistent with the 2009 CDC STD Surveillance Report
STD source: 2009 CDC STD Surveillance Report, Tables 1, 3-5, 13-15, 25-27

Table 2A

Data source: STDSS Age-Race/Ethnicity-Sex files, 1996-2009 and STDSS Morbidity file • All races, including AI/ANs, are non-Hispanic; Hispanics, in total, are shown as a separate race group • States with >50% unknown race/ethnicity values are excluded • Cases with unknown race/ethnicity and sex values are re-distributed to known categories based on percent-age of cases in each sex and race group • Total cases may not equal male plus female cases because of rounding in the re-distribution process • Total U.S. cases are unadjusted (no exclusions or re-distributions) and match National Table 1A • Total U.S. cases with unknown sex are included in the Totals
STD source: 2009 CDC STD Surveillance Report, Table 11A (cases by race/ethnicity group) and Tables 1, 3-5 (Total U.S.)

Table 2B

Data source: STDSS Age-Race/Ethnicity-Sex files with exclusions and re-distributions (race/ethnicity rates) and unadjusted STDSS Morbidity file (Total U.S.) • Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions (rates of race/ethnicity groups) or no exclusions (Total U.S.) • 2009 rates are computed using 2008 populations
STD source: 2009 CDC STD Surveillance Report, Table 11B (rates by race/ethnicity group) and Tables 1, 3-5 (Total U.S.)

Table 3A

Data source: STDSS Age-Race/Ethnicity-Sex files, 2009 and STDSS Morbidity file • All races, including AI/ANs, are non-Hispanic; Hispanics, in total, are shown as a separate race group • No states are excluded • Cases with unknown race/ethnicity and sex values are re-distributed to known categories based on percentage of cases in each sex and race group • Total cases may not equal male plus female cases because of rounding in the re-distribution process • Total U.S. cases are adjusted (no exclusions or re-distributions) and match National Table 1A • Total U.S. cases with unknown sex are included in the Totals
STD source: 2009 CDC STD Surveillance Report, Table 10, 11A and 11B (cases by race/ethnicity group) and Tables 1, 3-5 (Total U.S.)

Table 3B

Data source: STDSS Age-Race/Ethnicity-Sex files with exclusions and re-distributions (race/ethnicity rates) and adjusted STDSS Morbidity file (Total U.S.) • Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions (rates of race/ethnicity groups) or no exclusions (Total U.S.) • Rates among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • 2009 rates are computed using 2008 populations
STD source: 2009 CDC STD Surveillance Report, Table 10, 11A and 11B (rates by race/ethnicity group) and Tables 10 (Total U.S.)

Table 4A

Data source: STDSS Age-Race/Ethnicity-Sex files, 1984-2009 and STDSS Morbidity file • All races, including AI/ANs, are non-Hispanic; Hispanics, in total, are shown as a separate race group • States with >50% unknown race/ethnicity values are excluded • Cases with unknown race/ethnicity and sex values are re-distributed to known categories based on percent-age of cases in each sex and race group • Total cases may not equal male plus female cases because of rounding in the re-distribution process • Total U.S. cases are unadjusted (no exclusions or re-distributions) and match National Table 1A • Total U.S. cases with unknown sex are included in the Totals
STD source: 2009 CDC STD Surveillance Report, Table 21A (cases by race/ethnicity group) and Tables 1, 13-15 (Total U.S.)

Table 4B

Data source: STDSS Age-Race/Ethnicity-Sex files with exclusions and re-distributions (race/ethnicity rates) and un-adjusted STDSS Morbidity file (Total U.S.) • Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions, 1990-1998 (rates of race/ ethnicity groups) or no exclusions (Total U.S.) • 2009 rates are computed using 2008 populations
STD source: 2009 CDC STD Surveillance Report, Table 21B (rates by race/ethnicity group) and Tables 1, 13-15 (Total U.S.)

Table 5A

Data source: STDSS Age-Race/Ethnicity-Sex files, 2009 • All races, including AI/ANs, are non-Hispanics, Hispanics, in total, are shown as a separate race group • No states are excluded • Cases with unknown race/ethnicity and sex values are redistributed to known categories based on percentage of cases in each sex and race group • Total cases may not equal male plus female cases because of rounding in the re-distribution process • Cases among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • Total U.S. cases are adjusted (no exclusions but cases of unknown sex and age are re-distributed to known age and sex groups)
STD source: 2009 CDC STD Surveillance Report, Table 21B (cases by race/ethnicity group) and Table 20 (Total U.S.)

Table 5B

Data source: STDSS Age-Race/Ethnicity-Sex files, 2009 with exclusions and re-distributions (race/ethnicity rates) and unadjusted STDSS Morbidity file (Total U.S.) • Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions (rates of race/ethnicity groups) or no exclusions (Total U.S.) • Rates among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • 2009 rates are computed using 2008 populations
STD source: 2009 CDC STD Surveillance Report, Table 21B (rates by race/ethnicity group) and Tables 20 (Total U.S.)

Table 6A

Data source: STDSS Age-Race/Ethnicity-Sex files, 1996-2009 and STDSS Morbidity file • All races, including AI/ANs, are non-Hispanic; Hispanics, in total, are shown as a separate race group • States with >50% unknown race/ethnicity values are excluded • Cases with unknown race/ethnicity and sex values are re-distributed to known categories based on percentage of cases in each sex and race group • Total cases may not equal male plus female cases because of rounding in the re-distribution process • Total U.S. cases are unadjusted (no exclusions or re-distributions) and match National Table 1A • Total U.S. cases with unknown sex are included in the Totals

STD source: 2009 CDC STD Surveillance Report, Table 33A (cases by race/ethnicity group) and Tables 1, 25-27 (Total U.S.)

Table 6B

Data source: STDSS Age-Race/Ethnicity-Sex files with exclusions and re-distributions (race/ethnicity rates) and unadjusted STDSS Morbidity file (Total U.S.) • Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions, 1990-1989 (rates of race/ethnicity groups) or no exclusions (Total U.S.) • 2009 rates are computed using 2008 populations

STD source: 2009 CDC STD Surveillance Report, Table 33B (rates by race/ethnicity group) and Tables 1, 25-27 (Total U.S.)

Table 7A

Data source: STDSS Age-Race/Ethnicity-Sex files, 2009 • All races, including AI/ANs, are non-Hispanics, Hispanics, in total, are shown as a separate race group • No states are excluded • Cases with unknown age, race/ethnicity and sex values are redistributed to known categories based on percentage of cases in each age, race and sex group • Total cases may not equal male plus female cases because of rounding in the redistribution process • Cases among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • Total U.S. cases are adjusted (no exclusions but cases of unknown sex and age are re-distributed to known age and sex groups)

STD source: 2009 CDC STD Surveillance Report, Table 33A (cases by race/ethnicity group) and Table 33 (Total U.S.)

Table 7B

Data source: STDSS Age-Race/Ethnicity-Sex files, 2009 with redistributions for race/ethnicity rates and Total U.S. rate

Population source: NCHS bridged-race file of the U.S. Census 2000 population (rates of race/ethnicity groups) or no exclusions (Total U.S.) • Rates among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • 2009 rates are computed using 2008 populations

STD source: 2009 CDC STD Surveillance Report, Table 33B (rates by race/ethnicity group) and Table 32 (Total U.S.)

Table 8A: IHS Area—Chlamydia cases by year

Data source: NETSS, 1998-2009 (IHS cases) and STDSS Morbidity file (U.S. Total cases) • AI/AN cases include AI/AN Hispanics • IHS cases are all AI/AN cases reported from IHS service counties. If counties are split between IHS Areas, the cases are proportioned to each IHS Area based on established percentages (Appendix B). • States with >50% unknown race/ethnicity values are excluded (see the IHS Area STD Profiles section for details) • Cases with unknown age, race/ethnicity and sex values are re-distributed to known categories based on percentage of cases in each race group • Total cases may not equal male plus female cases because of rounding in the redistribution process • Total U.S. cases are unadjusted and match IHS National Table 1A.

STD source for Total U.S. cases: 2009 CDC STD Surveillance Report, Tables 1 and 3-5

Table 8B: IHS Area—Chlamydia rates by year

Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions for IHS • AI/AN Hispanics are included in the AI/AN populations • IHS populations are based on AI/AN living in IHS service counties. If counties are split between IHS Areas, the populations are proportioned based on established percentages (Appendix B) • Total U.S. rates are unadjusted • 2009 Total U.S. rates are computed using 2008 populations

STD source for Total U.S. rates: 2009 CDC Surveillance Report, Tables 1 and 3-5

Table 9A: IHS Area—Chlamydia cases by age group

Data source: NETSS, 1998-2009 (IHS cases) and STDSS Age-Race/Ethnicity-Sex file, 2009 (U.S. Total cases) • AI/AN cases include AI/AN Hispanics • IHS cases are all AI/AN cases reported from IHS service counties. If counties are split between IHS Areas, the cases are proportioned to each IHS Area based on established percentages (Appendix B) • No states are excluded • Cases with unknown age, race/ethnicity values are re-distributed to known categories based on percentage of cases in each race group • Cases among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • Total cases may not equal male plus female cases because of rounding in the re-distribution process • Adjusted Total U.S. cases have no exclusions but age and sex unknowns are re-distributed.

STD source for Total U.S. cases: 2009 CDC STD Surveillance Report, Table 10

Table 9B: IHS Area—Chlamydia rates by age group

Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions for IHS • AI/AN Hispanics are included in the AI/AN populations • IHS populations are based on AI/AN living in IHS service counties. If counties are split between IHS Areas, the populations are proportioned based on established percentages (Appendix B) • Rates among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • 2009 Total U.S. rates are computed using 2008 populations.

STD source for Total U.S. rates: 2009 CDC STD Surveillance Report, Table 10

Table 10A: IHS Area—Gonorrhea cases by year

Data source: NETSS, 1998-2009 (IHS cases) and STDSS Morbidity file (U.S. Total cases) • AI/AN cases include AI/AN Hispanics • IHS cases are all AI/AN cases reported from IHS service counties. If counties are split between IHS Areas, the cases are proportioned to each IHS Area based on established percentages (Appendix B). • States with >50% unknown race/ethnicity values are excluded (see the IHS Area STD Profiles section for details) • Cases with unknown age, race/ethnicity and sex values are re-distributed to known categories based on percentage of cases in each race group • Total U.S. cases are unadjusted and match IHS National Table 1A

STD source for Total U.S. cases: 2009 CDC STD Surveillance Report, Tables 1 and 13-15

Table 10B: IHS Area—Gonorrhea cases by year

Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions for IHS • AI/AN Hispanics are included in the AI/AN populations • IHS populations are based on AI/AN living in IHS service counties. If counties are split between IHS Areas, the populations are proportioned based on established percentages (Appendix B) • Total U.S. rates are unadjusted and match National Table 1B • 2009 Total U.S. rates are computed using 2008 populations. STD source for Total U.S. rates: 2009 CDC Surveillance Report, Tables 1 and 13-15

Table 11A: IHS Area—Gonorrhea cases by age group

Data source: NETSS, 1998-2009 (IHS cases) and STDSS Age Race/Ethnicity-Sex file, 2009 (U.S. Total cases) • AI/AN cases include AI/AN Hispanics • IHS cases are all AI/AN cases reported from IHS service counties. If counties are split between IHS Areas, the cases are proportioned to each IHS Area based on established percentages (Appendix B) • No states are excluded • Cases with unknown age, race/ethnicity and sex values are re-distributed to known categories based on percentage of cases in each race group • Total cases may not equal male plus female cases because of rounding in the redistribution process • Cases among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • Adjusted Total U.S. cases by sex and age have no exclusions but age and sex unknowns are re-distributed STD source for Total U.S. cases: 2009 CDC STD Surveillance Report, Table 20

Table 11B: IHS Area—Gonorrhea rates by age group

Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions for IHS • AI/AN Hispanics are included in the AI/AN populations • IHS Populations are based on AI/ANs living in IHS service counties. If counties are split between IHS Areas, the populations are proportioned based on established percentages (Appendix B) • Rates among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • 2009 Total U.S. rates are computed using 2008 populations. STD source for Total U.S. rates: 2009 CDC STD Surveillance Report, Table 20

Table 12A: IHS Area—P&S cases by year

Data source: NETSS, 1998-2009 (IHS cases) and STDSS Morbidity file (U.S. Total cases) • AI/AN cases include AI/AN Hispanics • IHS cases are all AI/AN cases reported from IHS service counties. If counties are split between IHS Areas, the cases are proportioned to each IHS Area based on established percentages (Appendix B) • States with >50% unknown race/ethnicity values are excluded (see the IHS Area STD Profiles section for details) • Cases with unknown age, race/ethnicity and sex values are re-distributed to known categories based on percentage of cases in each race group • Total U.S. cases are unadjusted and match IHS National Table 1A STD source for Total U.S. cases: 2009 CDC STD Surveillance Report, Tables 1 and 26-28

Table 12B: IHS Area—P&S rates by year

Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions for IHS • AI/AN Hispanics are included in the AI/AN populations • IHS Populations are based on AI/ANs living in IHS service counties. If counties are split between IHS Areas, the populations are proportioned based on established percentages (Appendix B) • Total U.S. rates are unadjusted and match National Table 1B • 2009 Total U.S. rates are computed using 2008 populations. STD source for Total U.S. rates: 2009 CDC Surveillance Report, Tables 1 and 26-28

Table 13A: IHS Area—P&S cases by age group

Data source: NETSS, 1998-2009 (IHS cases) and STDSS Age-Race/Ethnicity-Sex file, 2009 (U.S. Total cases) • AI/AN cases include AI/AN Hispanics • IHS cases are all AI/AN cases reported from IHS service counties. If counties are split between IHS Areas, the cases are proportioned to each IHS Area based on established percentages (Appendix B) • No states are excluded • Cases with unknown age, race/ethnicity values are redistributed to known categories based on percentage of cases in each race group • Cases among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • Total cases may not equal male plus female cases because of rounding in the re-distribution process • Adjusted Total U.S. cases by sex and age have no exclusions but are redistributed. STD source for Total U.S. cases: 2009 CDC STD Surveillance Report, Table 33

Table 13B: IHS Area—P&S rates by age group

Population source: NCHS bridged-race file of the U.S. Census 2000 population with exclusions for IHS • AI/AN Hispanics are included in the AI/AN populations • IHS Populations are based on AI/ANs living in IHS service counties. If counties are split between IHS Areas, the populations are proportioned based on established percentages (Appendix B) • Rates among persons 0-9 years of age are not shown as an age group but are included in the All Ages Total • 2009 Total U.S. rates are computed using 2008 populations. STD source for Total U.S. rates: 2009 CDC STD Surveillance Report, Table 33

Appendix A

Comparison of IHS Service Population and IHS Eligible Population - 2008 Estimates

| IHS Area | IHS Service Population (Official) | IHS Eligible Population (STD Report) | Population Difference | % Difference |
|------------------|--------------------------------------|---|-----------------------|--------------|
| Aberdeen | 120,359 | 108,780 | -11,579 | -10.6% |
| Alaska | 125,297 | 112,063 | -13,234 | -11.8% |
| Albuquerque | 107,863 | 105,199 | -2,664 | -2.5% |
| Bemidji | 121,603 | 115,145 | -6,458 | -5.6% |
| Billings | 68,630 | 63,763 | -4,867 | -7.6% |
| California | 182,825 | 197,801 | 14,976 | 7.6% |
| Nashville | 128,489 | 127,998 | -491 | -0.4% |
| Navajo | 245,831 | 225,017 | -20,814 | -9.2% |
| Oklahoma City | 366,686 | 334,445 | -32,241 | -9.6% |
| Phoenix | 203,832 | 233,945 | 30,113 | 12.9% |
| Portland | 201,610 | 197,952 | -3,658 | -1.8% |
| Tucson | 36,525 | 40,392 | 3,867 | 9.6% |
| IHS Total | 1,909,550 | 1,862,500 | -47,050 | -2.5% |

Appendix B

Counties Shared Between IHS Areas or Partially Contained Within an IHS Area -2006 Percentage Splits

| State and County | IHS Area | Percentage of County Population assigned to IHS Area |
|-----------------------|------------------|--|
| Arizona | | |
| Apache County | Navajo | 98.747 |
| | Phoenix | 1.253 |
| Coconino County | Navajo | 97.404 |
| | Phoenix | 2.596 |
| Maricopa County | Phoenix | 99.73 |
| | Tucson | 0.27 |
| Navajo County | Navajo | 62.014 |
| | Phoenix | 37.986 |
| Pinal County | Phoenix | 93.371 |
| | Tucson | 6.629 |
| California | | |
| Fresno County | California | 47.62 |
| | Non-Service Area | 52.38 |
| Imperial County | Phoenix | 92.577 |
| | California | 7.423 |
| Riverside County | California | 99.243 |
| | Phoenix | 0.757 |
| San Bernardino County | California | 95.668 |
| | Phoenix | 4.332 |
| San Diego County | California | 76 |
| | Non-Service Area | 24 |
| Santa Barbara County | California | 23.999 |
| | Non-Service Area | 76.001 |

Appendix B, Continued

| State and County | IHS Area | Percentage of County Population assigned to IHS Area |
|-------------------|-------------|--|
| New Mexico | | |
| Cibola County | Albuquerque | 98.667 |
| | Navajo | 1.333 |
| McKinley County | Navajo | 83.562 |
| | Albuquerque | 16.438 |
| Rio Arriba County | Albuquerque | 98.679 |
| | Navajo | 1.321 |
| Sandoval County | Albuquerque | 77.624 |
| | Navajo | 22.376 |
| Utah | | |
| Kane County | Phoenix | 62.338 |
| | Navajo | 37.662 |
| San Juan County | Navajo | 96.428 |
| | Albuquerque | 3.572 |

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